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Baltimore. Mayor

THE

# MAYOR'S MESSAGE

— AND —

## Reports of the City Officers,

— MADE TO THE —

## CITY COUNCIL OF BALTIMORE,

## FOR THE YEAR 1888.

BALTIMORE:
John Cox, "City Printer,"
Pratt Street and Spear's Wharf.

1889.

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267369

# MAYOR'S MESSAGE.

BALTIMORE, January 1, 1889.

*To the Honorable the Members*
*of the City Council of Baltimore.*

GENTLEMEN:

In accordance with the requirements of the City Charter, I have the honor to submit the following statement of the financial condition of the corporation on the 31st day of December last, a review of the operations of its different departments during the year 1888, and some suggestions in connection with the municipal government:

THE FINANCIAL CONDITION OF THE CORPORATION DECEMBER 31ST, 1888.

| | | |
|---|---|---|
| Amount of funded debt Dec. 31st, 1888..... | | $36,038,516 15 |
| Guaranteed debt, viz: | | |
| Endorsement of Western Maryland R. R. third mortgage bonds..... | $875,000 00 | |
| Endorsement of Union R. R. first mortgage bonds | 117,000 00 | |
| | | 992,000 00 |
| | | $37,030,516 15 |

| | | |
|---|---|---|
| Total funded and guaranteed debt December 31st, 1888 ..... | | $37,030,516 15 |
| Of this amount, interest is provided or paid on as follows: | | |
| From Commissioners of Finance on Western Maryland R. R. loan and bonds..... | $1,875,000 00 | |
| The Baltimore & Ohio Railroad Company on. | $5,000,000 00 | |
| Western Maryland Railroad Company..... | 2,388,000 00 | |
| City Passenger Railway Companies on..... | 755,566 25 | |
| Water Board, from income on..... | 9,900,000 00 | |
| Union Railroad on..... | 117,000 00 | |
| Overdue stock, no interest allowed..... | 6,327 96 | |
| Overdue Western Maryland R. R. bonds..... | 2,930 00 | |
| | | 20,044,824 21 |
| Balance..... | | $16,985,691 94 |

| | | |
|---|---|---|
| Brought forward..... | | $16,985,691 94 |
| *Productive Investments.* | | |
| Value of sinking funds. | $6,293,954 52 | |
| 550 shares Baltimore & Reisterstown Turnpike Co. stock..... | 2,062 50 | |
| 137 shares Baltimore & Frederick Turnpike Co. stock..... | 456 66 | |
| 625 shares Baltimore & Yorktown Turnpike Co. stock..... | 3,125 00 | |
| Real estate annual rental ..... $10,225 11 | | |
| Wharf property..... 38,000 00 | | |
| Market houses. 50,000 00 | | |
| $98,225 11 | | |
| Capitalized at 6 p. ct. is | 1,637,085 16 | |
| | | 7,936,683 84 |
| Balance of debt over available income producing securities..... | | $9,049,008 10 |

| | | |
|---|---|---|
| *Unproductive Investments.* | | |
| 32,500 shares Baltimore & Ohio R. R. stock... | $3,250,000 00 | |
| 4,000 shares Western Md. Railroad stock... | 200,000 00 | |
| Western Md. Railroad Co. mortgages to secure endorsements and loan of City stock.... | 1,875,000 00 | |
| Western Maryland R. R. Co. accrued interest advanced..... | 2,268,000 00 | |
| 83,000 Philadelphia & Reading Railroad 3d mortgage preference bonds and $600 scrip. | 83,600 00 | |
| 10,000 shares Valley R. R. of Va. stock..... | 1,000,000 00 | |
| 120 shares Baltimore & Havre de Grace turnpike stock..... | No value. | |
| | | 8,676,600 00 |
| Besides other property, such as— | | |
| Court houses, Record office, City Hall, Jail, police stations, fire engine houses and apparatus, school houses, alms house, iceboats, quarantine station, public parks, &c., valued at..... | | 10,000,000 00 |
| | | $18,676,600 00 |

COMPARISON OF DEBT DECEMBER 31, 1888, WITH DEBT DECEMBER 31, 1887.

| | | |
|---|---|---|
| Amount of funded and guaranteed debt December 31, 1888 | | $37,030,516 15 |
| Debt December 31, 1887 | | 36,369,176 15 |
| Increase of debt during year 1888 | | $661,340 00 |

The increase of $661,340.00 in the funded and guaranteed debt during the year 1888 is thus accounted for:

| | | |
|---|---|---|
| Amount of Jones' Falls improvement 3½ per cent. 1900 stock issued in 1888. | $160,000 00 | |
| Harford run sewer loan 4 per cent. 1904 issued in 1888 | 103,300 00 | |
| Water loan 4 per cent. 1926 issued in 1888 | 400,000 00 | |
| | | $663,300 00 |
| From which deduct: | | |
| Valley loan of 1886, redeemed | $300 00 | |
| Water loan of 1885, redeemed | 900 00 | |
| One million loan of 1886, redeemed | 200 00 | |
| Consolidated loan of 1885, redeemed | 200 00 | |
| Western Maryland Railroad bonds, redeemed | 360 00 | |
| | | 1,960 00 |
| Showing increase of debt for 1888 | | $661,340 00 |

Although the actual funded and guaranteed debt of the City is $37,030,516.15, the tax payers are only called upon to provide interest on $16,985,691.94, of

which $6,293,854.52 being in the sinking fund, the City pays interest thereon to itself.

The following table illustrates this statement:

| | |
|---|---|
| Total funded and guaranteed debt..... | $37,030,516 15 |
| Of this amount interest is provided for as heretofore shown on..... | 20,044,824 21 |
| Balance..... | $16,985,691 94 |
| Productive investments producing actual annual revenue..... | 7,936,683 84 |
| Balance..... | $ 9,049,008 10 |
| Add amount of sinking funds upon which interest must be paid by taxation although paid to the City itself. | 6,293,954 52 |
| Balance..... | $15,342,962 62 |

In 1887 the amount of the debt on which interest had to be paid with the tax levy was $16,722,391.94, the reason for the increase in 1888 is due to the increase of the debt, as above shown, of $661,340.00, and to the fact that the 32,500 shares of Baltimore and Ohio Railroad stock held by the City, and which in 1887 paid four per cent. interest, has ceased to be a productive asset. Let us hope that our stock in this great corporation, which for so many years paid a large annual revenue into our treasury, thus greatly relieving tax payers, may again take its place in the list of the City's income producing securities.

As will be seen by reference to the report of the Commissioners of Finance the following bonds of the City are due and payable in the year 1890:

| | |
|---|---|
| Consolidated six per cents..... | $7,306,546 22 |
| Public Park six per cents..... | 555,566 25 |
| Five Million Loan..... | 5,000,000 00 |
| Total ..... | $12,862,112 47 |

For the payment of the Five Million Loan the City now holds a sinking fund amounting to $2,400,800.00, the balance must be provided by the Baltimore and Ohio Railroad Company. The interest now paid by the City on the Consolidated and Public Park six per cent. stock, amounting to $7,862,112.47, is $471,726.74. If these loans were funded in 1890, at 3½ per cent., the City would save in interest alone $196,552.80, whereas the interest on the new five million loan proposed to be issued, if fixed at 3½ per cent., would be $175,000.00. The issue of this loan would not, therefore, increase the present burden of taxation. There is, however, no necessity for funding the entire amount of the stock due in 1890, the sinking funds now amounting to $6,293,954.52, and which will by 1890 be over $6,600,000.00, can be called upon by the cancellation of the 1890 stock held therein to pay off a large amount of the indebtedness then due.

The report of the Commissioners of Finance gives an itemized statement of the indebtedness of the Western Maryland Railroad Company to the City of Baltimore, and also a full statement of the financial condition of that company.

## SINKING FUNDS.

The following table gives the value of the sinking funds held by the Commissioners of Finance for redemption of the debt. This fund is invested in ground rents, the leases of which are held by the City, a ground rent, the lease of which is held by the Western Maryland Railroad Company, and City stock. The interest on these securities is annually paid to the Commissioners of Finance and by them invested for the benefit of the sinking fund, which thus rapidly increases by compound interest. Another source of increase of the sinking funds is the provision of an ordinance passed in 1881, providing that all premiums realized on the sale of City stock, except for the Jones' Falls improvement, shall go to the sinking fund. The increment of the sinking fund during 1888 from the latter source was $29,765.00 :

| | |
|---|---|
| Value of sinking funds Dec. 31, 1888... | $6,293,954 52 |
| Value of sinking funds Dec. 31, 1887... | 4,039,241 39 |
| Increase of sinking funds during the year 1888..... | $254,713 13 |

During the year 1888 a bequest was accepted, made to the City in the will of the late Orville Horwitz, of $10,000, to be invested and the income thereof to be reinvested until the principal shall reach $20,000, when the proceeds shall be distributed in the discretion of the Mayor among twelve poor families in the City. This fund is now in charge of the Commissioners of

Finance, as will be seen by their report. The Enoch Pratt fund, also in charge of this Commission, has now reached the sum of $1,014,137.95; it will thus be seen that but few years will elapse before the check for $833,333.33, given by Mr. Pratt and invested in City stock, will produce the $50,000.00 per annum required to support the Library and its branches. In addition to this large sum of money Mr. Pratt also donated the Library building and lot. The report of the Commissioners of Finance gives in detail all the investments of the sinking funds.

RECEIPTS AND EXPENDITURES.

The report of the City Register shows the receipts from collection of taxes and other sources applicable to the support of the municipal government for 1888, as follows:

RECEIPTS—ACTUAL INCOME.

| | | | |
|---|---|---|---|
| From | City Collector, levy of 1888.... | $3,614,046 64 | |
| " | City Collector, levy of previous years..... | 1,011,989 02 | |
| | | | $4,626,035 66 |
| " | public schools, tuition, fees, and J. F. Plummer..... | | 6,234 39 |
| " | market houses, rent of stalls and halls..... | | 56,882 07 |
| " | wharfage and rent of wharves.. | | 33,595 75 |
| " | general licenses..... | | 46,404 70 |

| | | |
|---|---|---|
| From | auction duties | 8,369 06 |
| " | Magistrates' fines, Jail and removed cases | 10,667 68 |
| " | Health and Street Departments | 5,923 83 |
| " | permits for signs, sheds, &c. | 6,528 49 |
| " | Inspector of Gas Meters | 2,748 50 |
| " | City Commissioner's Department | 4,390 85 |
| " | Bayview, Mount Hope and Spring Grove Asylums | 8,502 43 |
| " | Fire Department | 406 93 |
| " | Turnpike dividends | 509 65 |
| " | sale of City property | 606 50 |
| " | aggregate of sundry small items | 1,584 83 |
| | | $4,819,391 28 |

The receipts for 1887 were $4,525,364.44, of which there was received from the City Collector from

| | | |
|---|---|---|
| Taxes from the levy of 1887 | $3,131,741 17 | |
| From City Collector levies of previous years | 1,078,370 99 | |
| | | $4,210,112 16 |

This shows an excess of receipts in 1888 over those of 1887 of $294,026.84. A reason for this increase for 1888 is due to the tax rate for 1888 being $1.90, whereas in 1887 it was $1.60. The collection of back taxes for 1887 was $1,059,851.65, whereas in 1888 it was $1,011,989.02.

The following table from the Register's report shows the actual expenses of the City government for 1888. In order that a comparison may be made with the expenses of 1887, I have placed the expenses of each item opposite those for the current year.

TABLE SHOWING DISBURSEMENTS FOR ACTUAL EXPENSES OF CITY GOVERNMENT FOR YEARS 1888 AND 1887.

| | 1888. | 1887. |
|---|---|---|
| Interest on the public debt. | $954,064 70 | $915,987 18 |
| Expenses of the Law Courts..... | 113,696 95 | 118,806 50 |
| Cost of Registration..... | 60,115 64 | |
| Expenses of City Jail..... | 53,908 44 | 60,999 65 |
| Magistrates, judgments, suits, coroners and removed cases..... | 27,161 00 | 42,587 07 |
| Public schools, less amount paid by State.. | 597,902 22 | 594,088 87 |
| Expenses of City poor.... | 233,917 18 | 210,738 64 |
| Harbor Commission..... | 77,954 77 | 76,357 68 |
| Police Department..... | 721,167 89 | 702,881 56 |
| Health Department ..... | 78,816 03 | 75,559 56 |
| Department of Street Cleaning..... | 265,384 84 | 263,933 67 |
| Fire Department..... | 269,481 04 | 214,226 11 |
| Inspector of Buildings Department ..... | 133,163 44 | 100,842 09 |

| | 1888. | 1887. |
|---|---|---|
| City Commissioner's Department | 221,974 66 | 184,953 25 |
| Expenses of parks and squares, exclusive of Druid Hill and Patterson Parks | 53,250 55 | 52,079 98 |
| General Superintendent of Lamps, Gas and Electric Light | 250,023 11 | 221,203 45 |
| City Council—salaries of members and expenses | 54,922 66 | 52,925 12 |
| General Expenses | 1,148 42 | 1,188 84 |
| Care of Masonic Hall and Court House | 3,451 79 | 3,283 20 |
| Care of Court House and Grounds | 6,534 53 | 5,901 81 |
| Expenses of Markets and Market Halls | 4,766 15 | 5,056 68 |
| Harbor Masters' Commissions for collecting wharfage | 8,452 31 | 8,408 95 |
| Salaries | 72,607 09 | 72,624 35 |
| City Library—supplies for departments | 7,991 89 | 7,676 57 |
| Public Printing | 2,799 53 | 812 45 |
| Discount on taxes and temporary loans | 135,081 80 | 131,698 05 |
| Heating and general care of City Hall | 21,646 95 | 18,685 04 |
| Mayoralty | 2,176 86 | 1,832 95 |

| | 1888. | 1887. |
|---|---|---|
| Lamp-lighters salaries.... | 46,514 00 | 46,514 00 |
| Special appropriations.... | 2,766 55 | 5,110 70 |
| Ground rents on city property..... | 3,697 84 | 4,293 84 |
| City Collector and Appeal Tax Court—salaries and expenses..... | 52,199 48 | 51,093 83 |
| Election expenses ..... | 9,243 15 | 10,662 77 |
| Dog Pound..... | 1,148 00 | |
| Supervisors of Elections... | 3,972 89 | 684 51 |
| Maryland Institute School of Design..... | 6,000 00 | 6,000 00 |
| Fire-plugs and fountains.. | 5,000 00 | 4,000 00 |
| General Licenses..... | 1,352 50 | |
| Refunded taxes..... | 3,502 35 | 3,518 36 |
| Enoch Pratt Free Library. | 50,000 00 | 50,000 00 |
| Release of Mortgage—No. 6 Engine House ..... | 6,180 00 | |
| Music at the Parks..... | 3,000 00 | |
| Ice Boat Maryland ..... | 10,000 00 | 10,000 00 |
| Extension of city limits... | 9,707 96 | |
| Insurance of Bay View Asylum ..... | 1,305 00 | 1,305 00 |
| Repairing Records of Circuit Court ..... | 2,000 00 | |
| Survey for removal of tracks on North street..... | 1,032 37 | |
| Baltimore Light Infantry—improvement of armory. | 1,000 00 | |

| | 1888. | 1887. |
|---|---|---|
| Lots for colored school and manual training school. | 14,800 00 | 17,000 00 |
| City's proportion for opening and closing streets.. | 300,683 92 | 165,058 42 |
| State Tax on City Loans.. | 15,996 10 | 14,617 71 |
| Aggregate of small items.. | 1,570 66 | 7,358 82 |
| | $4,986,235 21 | $4,541,357 23 |

AMOUNT EXPENDED IN THE NEW WARDS.

| | |
|---|---|
| Lamp Pillars | $2,458 31 |
| Lamp-lighters | 5,055 12 |
| Gas and Electric Lights | 3,132 54 |
| Fire Department | 14,247 66 |
| Police Department | 38,464 43 |
| Cleaning streets | 7,594 96 |
| Health (general) | 111 87 |
| Health (salaries) | 1,183 24 |
| Nuisances | 721 62 |
| Repairs—streets, roads, &c | 12,966 47 |
| Repairs—city property | 1,500 00 |
| Surveys and plats | 950 00 |
| Public schools, general | 38,206 16 |
| Public schools, special | 5,095 94 |
| Maryland Hospital for Insane | 650 00 |
| | $132,338 32 |

The actual expenses of the City government for the year 1888, including expenses of the new 21st and 22d Wards from June 1st, 1888, the date of annexation, were $5,118,573.53. Exclusive of the new wards the

expenses were $4,986,235.21. Thus, while the receipts for 1888 were $294,026.84 more than in 1887, the expenses in 1888 exceeded those of 1887, $444,877.98.

The following statement taken from the table above given shows in part where this increased expenditure has arisen. Among the extraordinary expenses imposed upon the City government during the past year was $60,115.64, the cost of the new registration. The cost of the police increased $18.286.33; over the ex penses of this department the City has no control. The equipment of the new Fire Companies No. 6 Hook and Ladder and No. 14 Engine, improvement to the extent of $5,100 in the Police and Fire Alarm Department and $2,579 expended for additional fire alarm boxes, increased the expenses of the Fire Department $55,255.93. Judgments and suits were $15,426.07 more while the expenses of the Jail were $7,091.21 less than in 1887. The schools cost $3,803.31 more. The expenses of the Poor were $23,178.54, the Inspector of Buildings $32,321.35 and the City Commissioner's Department $37,201.41 more than in 1887. This is due to the regular growth of the City, and will annually necessarily increase. On account of the advance in the price of gas and the constantly increasing number of street lamps and demand for more electric lights, the cost of lighting the City was $29,819.66 more than in 1887. The expenses of the Supervisors of Election, now salaried officers, added $3,288.38. The heaviest item was $135,625.50 more for opening streets. This latter item will show how expensive it is to open new thoroughfares, however, in most cases it improves property and the City gets a ready return in the increase of the taxable basis.

## FLOATING INDEBTEDNESS.

The report of the Register shows that the City ends 1888 with a floating indebtness of $347,512.33. This was caused in part as follows: The expenses in the new wards amounting to $132,338.32, this is credited with the amount due us for taxes collected therein, the city being entitled to one-half of the taxes for 1888; the extraordinary costs imposed by the new registration and the fact that we commenced the year with a debt of $158,171.40. Although the statement shows this apparent deficiency on January 1, 1889, yet before the month of January ends, the full amount of current taxes and taxes in arrears, which were relied upon by the Committee of Ways and Means in their estimate of collections during 1888, will have been collected and this debt more than paid.

As a set-off for the floating indebtedness the Collector's report shows on January 1, 1888, uncollected taxes amounting to $1,660,656.20, of which, at least $750,000 will be collected during January, 1889.

The question is asked why were they not colleeted? One reason is that the action of the last Council in passing a resolution just before its adjournment *sine die*, postponing collections of taxes in arrears, although not signed by the Mayor, was passed too late to be vetoed by a message and had the usual effect, not only of postponing payment of taxes in arrears, but also of current taxes. Another reason was, that some of our largest taxpayers this year postponed payment of their taxes until after January 1, 1889.

The following table gives the items connected with the floating indebtedness:

*Existing Claims.*

| | | |
|---|---|---|
| Balance due Water Board | $ 24,557 78 | |
| " " Park Board. | 2,818 84 | |
| " " Jones' Falls-improvement..... | 69,657 89 | |
| " " Completion of Harford Run ..... | 52,426 79 | |
| " " Water 4 per cent. Loan | 45,115 91 | |
| Temporary loans in banks. | 915,000 00 | |
| Paving certificates during current year..... | 6,891 12 | |
| | | $1,116,468 33 |
| *Deduct:* | | |
| Amount due for taxes for 1888 in 21st and 22nd Wards, estimated ..... | $ 60,000 00 | |
| Cash balance in bank, Dec. 31st, 1888..... | 293,956 00 | |
| Amount due by Bolton property..... | 415,000 00 | |
| | | $ 768,956 00 |
| Balance..... | | $ 347,512 33 |
| Taxes due and uncollected for the year 1888 and previous years..... | | $1,660,656 20 |

## CITY COMPTROLLER'S DEPARTMENT.

The excellent report of this officer gives an itemized statement in detail of all receipts and disbursements. These have been referred to in my review of the report of the Register. Those feeling an interest in how money collected by taxation is expended will find every dollar here accounted for. The report shows that a saving of six thousand dollars was effected by the Comptroller's refusing to pay for five days as demanded by most of the registers, for service in making up their books after the October sitting. A compromise was effected for three days, resulting in the above saving.

The costs of the Courts were as follows:

| | 1887. | 1888. |
|---|---|---|
| Superior Court..... | $ 13,130 30 | $ 13,728 25 |
| Court of Common Pleas. | 13,055 27 | 13,509 65 |
| Circuit Court ..... | 2,877 65 | 3,877 27 |
| Baltimore City Court... | 13,138 45 | 12,707 78 |
| Crininal Court ..... | 66,126 73 | 60,361 85 |
| Orphans' Court ..... | 7,903 10 | 7.937 15 |
| | $116,231 50 | $111,121 95 |

These tables show a gratifying reduction in the costs of the Criminal Court. I cordially join in the recommendation of the Comptroller that the stationery required by the Board of Police and all the City Courts be furnished through the City Librarian, as is the stationery of all the other municipal departments. The City has to pay the bill and I am sure a considerable saving would be effected.

The following statement gives the cost of some of the expensive departments of City government in 1888, exclusive of the amount spent in the new wards:

Police, $721,167.89. Salaries and incidentals of City Council, $54,922.66. Bay View Asylum, $79,998.98. Health Department, $75,164.33. Cleaning streets, $265,384.84. Lighting streets, $230,000. Fire Department, $235,600.11. Enoch Pratt Library, $50,000.00. Public Schools, less amount received from State, $597,902.22, which with amount received from State of $159,592.16, makes total expense of Public schools in 1888, $757,494.38. House of Refuge, House of Reformation and Saint Mary's Industrial School, $50,000. Repairs of Streets, Bridges and Sewers, $107,330.17. Care of Insane, $51,014.92. These items are selected as showing some of the absolutely necessary expenses. They are large, but when compared with similar items of expenses in other cities, show that Baltimore is absolutely demonstrated to be the most economically governed city, in proportion to its population, in the United States.

CITY EXPENDITURES.

The expenses of the City will certainly advance with its growth. As in private life our expenses of living exceed those of our ancestors, so the irresistible demands for luxuries of City government, together with the rapid growth of the City increases its expenditures. To keep the tax rate at a bearable figure, the revenue must be increased. This can be done by equalizing the burden of taxation and by collecting all the reve-

nues to which the City is justly entitled. To equalize taxation new assessments of property should be frequently made. Personal property often changes hands, and although coupon bonds on the tax assessment books (and very few of them are there) are never sold, without at once being abated, instances are rare of application made by a purchaser to have them assessed. Real estate fluctuates in value ; a large amount of such property in Baltimore is assessed for more than it would bring, while a much larger amount is undervalued. This can only be corrected by a re-assessment. Other large cities have annual assessments. the Legislature provides us with one about every ten years. But the principal reason for our high tax rate is that the City does not receive the revenue to which it is justly entitled. The State takes from us revenue which belongs to the City, revenue which is enjoyed by every City in Europe and the United States, except Baltimore. That is the revenue from licences for the privilege of doing business, not in the State of Maryland, but in the City of Baltimore, in return for which Baltimore gives police protection and those costly advantages of municipal government which it pays for.

I have not the State Comptroller's accounts for 1888, and shall, therefore, illustrate my meaning by those of 1887. The amount paid by the City to the State for licenses, from December 1, 1886, to Nov. 30, 1887, as shown by the books of the clerk of the Court of Common Pleas, was $295,650.00; of this, $118,565.00 was

for traders, and $145,605.00 for liquor and restaurant licenses. Is it supposed that these parties would have paid one cent for this privilege, were it not for the advantages and protection given them by the City? The following will show what other cities derive from licenses—I refer to the latest reports which our Library has received from those cities.

Saint Louis, for 1887, received from taxes current and in arrear, $3,346,199 36; in addition to which there was paid into its treasury on account of licenses $1,295,710.22, of which traders licenses produced $167,323.66, and liquor dealers, or, as their Comptroller's report designates them, "dramshops," paid $789,269.12. In 1887-8, the Auditor's report of the City of Boston shows that the amount received from liquor licenses was $668,749.00, In San Francisco in 1886-7, the receipts from licenses was $382,009.00, of which $155,160.00 was from retail liquor and $66,060.00 from grocery and retail liquor. In Chicago, for the year ending December, 1885, the City received from licenses $1,916,014.22.

No wonder, therefore, that with all the economy of our municipal government, our tax rate will keep pace with the much more costly governments of other cities. Nor is this all. The report of Comptroller Horner, shows, that while the cost to the city, for maintaining its Courts, during the year 1888, were $111,121.95, the revenue derived from these Courts, supported entirely by our taxpayers and paid into the State Treasury in 1887 was $362,680.64. It is fair to presume that an

equal, if not greater amount, was paid in 1888. The Comptroller well says, "the City of Baltimore bears the burdens entailed by expenses of the Court, while the State derives all the pecuniary benefit."

It seems to me that a forcible presentation of these matters to the General Assembly, by such able representatives as I hope we will send to the next Legislature, will induce the State to do simple justice to this City, upon whose continued prosperity depends in a large measure the future greatness of the Commonwealth.

In this connection it might be well to remember that, as shown by the State Comptroller's report, in the year 1888, the City paid into the State treasury for maintaining the public schools $220,659.44 and received therefrom $159,592.16

## COLLECTION OF TAXES.

The City Collector's report shows a total of City and State taxes for 1887 of $5,260,727.98, of which the City's portion was $4,846,431.65 and the State's $414,296,33. The tax collected for the City was derived as follows:

| | |
|---|---|
| On account of taxes in arrears | $1,011,989 02 |
| On account of levy of 1888 | 3,614,046 64 |
| For opening, closing and widening streets | 151,434 97 |
| For paving streets | 64,011 52 |
| For numbering houses on account of 1887 | 4,949 50 |
| Total | $4,846,431 65 |

In 1887 the collections from same sources were $4,418,516.00.

The following table shows the assessment of real and personal property in Baltimore since 1881 :

| | Real Estate. | Personal Estate. | Total. |
|---|---|---|---|
| 1881..... | $185,197,157 | $62,033,032 | $247,230,189 |
| 1882..... | 187,636,451 | 58,597,605 | 246,234,056 |
| 1883..... | 189,913,494 | 58,889,738 | 248,803,232 |
| 1884..... | 191,516,113 | 58,135,586 | 249,651,699 |
| 1885..... | 194,416,894 | 59,496,377 | 253,913,271 |
| 1886..... | 197,730,574 | 58,510,081 | 256,240,655 |
| 1887..... | 200,775,614 | 64,784,338 | 265,559,952 |
| 1888..... | 203,752,853 | 63,763,871 | 269,516,724 |

It will thus be seen that the present taxable basis of the City in real and personal property is $267,516.724.

The following extract from Collector's report shows how closely the taxes have been collected. For 1884, $99\frac{99}{100}$; for 1885, $99\frac{96}{100}$; for 1886, $99\frac{59}{100}$; for 1887, $94\frac{71}{100}$; for 1888, $71\frac{10}{100}$.

The City Collector calls attention to the actual injustice being inflicted upon tax payers by the want of a re-assessment of real and personal property. In consequence of the extension of the City limits, and the large increase caused thereby to the business of this office it will be necessary to provide for an increase in its clerical force, and also additional office accommodations. Some excellent suggestions are made in this connection by the Collector, to which your attention is

directed. The close collection of the taxes as shown in the report, tells how efficiently the Collector and his aids discharge their official duties.

APPEAL TAX COURT.

This report shows that the number of permits for erecting new buildings during the year, was 2188, and for additional improvements 570. The following were assessed and will form part of the basis for 1889: New buildings, 2139; additional improvements, 462; total assessments $3,532,706.

The following table gives an interesting statement in this connection :

| | New Buildings. | Improvements. | Assessments. |
|---|---|---|---|
| 1880..... | 948 | 548 | $2,514,455 00 |
| 1881..... | 2,129 | 570 | 3,063,479 00 |
| 1882..... | 1,660 | 640 | 3,152,070 00 |
| 1883..... | 2,362 | 648 | 2,883,025 00 |
| 1884..... | 2,526 | 682 | 3,107,472 00 |
| 1885..... | 2,970 | 664 | 4,340,125 00 |
| 1886..... | 2,632 | 528 | 3,587,900 00 |
| 1887..... | 3,208 | 590 | 3,244,750 00 |
| 1888..... | 2,188 | 570 | 3,532,706 00 |

It will thus be seen that while the number of new buildings has greatly decreased, being less than in any year since 1882, the value of the 2,128 with the 570 improvements exceeded that of the 3,208 with the 590 improvements erected in 1887, by $287,956.00. The amount of plant used for manufacturing purposes ex-

empted was $2,168,581, of which $602,780 belonged to the Consolidated Gas Company. In 1887 the amount exempted was $2,085,571.00. The abatements allowed on real property over assessed during the year 1888 was $175,000.00. In 1887, it was $242,390; in 1886, $202,065; in 1885, $1,068,016; in 1884, $971,001; in 1883, $866,360; in 1882, $602,956, an aggregate of $4,127,788. To quote from my last message, "What better argument can be made in favor of a new assessment, to the necessity of which both City Collector and Judges of the Appeal Tax Court call your attention, and in which recommendation I earnestly join!"

## CITY COMMISSIONER'S DEPARTMENT.

This department has under its charge the paving and repairing of streets and construction and repair of bridges. There are over three hundred and sixty miles of paved streets in the City, exclusive of those in the lately acquired territory, or 21st and 22d wards, and about fifteen miles of sewers. The amount appropriated for street repairs during 1888 was $85,000. A small amount to keep 360 miles in good order. Of this there was expended $84,945.33. It is not claimed that our streets are in first-class condition. Nor can they be kept in such condition until cobble stones or rather broken granite pavements are replaced by Belgian blocks. Baltimore, however, does not monopolize all the bad pavements of our large cities. Philadelphia certainly cannot show many streets better paved than ours, and the new Mayor of New York in his first mes-

sage says, "there are few thoroughfares which are to-day in the condition that befits the trade and commerce of this city," (*i. e.* New York). Belgian blocks when well laid require little repair, last much longer than cobble stones, and although at first more costly, in the end are less expensive.

### *Constant Tearing Up of Pavements for Drain Pipes, &c.*

It is impossible, however, to keep our streets in proper condition as long as private corporations and individuals can tear up the pavements, for repairing gas pipes and laying and repairing private drain pipes, and replace them without proper care. In every case when application is made to the City Commissioner's office, ample security should be given that the street will be restored to its former condition. No drain pipe should be permitted to be laid without payment of the 20 cents per foot required by law. Many of these private drains or sewers when laid become sources of profit by the charge made by their owners to others wanting to use them. The City has several such drains, and constant application is made by private individuals for the privilege of tapping them. If this is granted, a sum in proportion to the original cost of the drain pipe or sewer ahould be exacted.

The report of the City Commissioner gives a detailed statement of the paving and repairs of streets, laying of flagstones and gutter-plates, repairs of bridges, and

sewers constructed and repaired during the year 1888, with the cost thereof. The only improved paving in 1888 was on Fulton avenue, where laying asphalt blocks, under the contract of 1887, was completed on June 1, 1888. Fulton avenue should be continued from Baker Circle to Boundary or North avenue. To do this it will be necessary to complete a section of the contemplated northeast branch of Gwynn's run sewer, part of which was constructed during the year 1888. The ordinance, approved April 20, 1887, providing for the repairing of Fulton avenue, required that reservations should be set apart between each of the cross streets, from Edmondson avenue to Presstman street, for public parks or squares. While provision was made for paving none was made for the improvement of said parks. During the last session of the Council an ordinance was passed by the First Branch to remedy this apparent oversight. It failed in the Second Branch, for what reason I know not. These reservations, therefore, in their present unimproved and neglected condition, spoil what would otherwise be a beautiful avenue. I recommend the passage of an ordinance which I have prepared and submit herewith, appropriating five thousand dollars, or so much thereof as is necessary, for their proper improvement; the work to be done by the Park Commission, under whose care and supervision they shall hereafter remain. This will secure a uniform plan of improvement under the engineer officer of that Board. If a local board is desired, this ordinance can be so amended.

*Harford Run Sewer.*

The report of the Commissioner embraces that of Mr. C. A. Hook, engineer, in special charge of the construction of this sewer, with all its several branches. It is now completed.

The first part of the improvement was made under the provisions of an ordinance approved October 11th, 1879, under one of my previous administrations, Mr. Thomas S. Wilkinson being then City Commissioner, appropriating $250,000 for the purpose. This work and cost was as follows, being completed in 1884:

| | | |
|---|---|---|
| Harford Run division sewer cost | $135,851 70 | |
| Harford Run sewer | 63,810 59 | |
| Improvement of the old run | 22,363 01 | |
| Calvert, Patapsco and McElderry streets | 3,777 98 | |
| Contingent expenses, salaries, &c | 14,018 29 | |
| | | $239,821 37 |
| Leaving an unexpended balance of | $10,178 43 | |

The second part of the sewer now completed under the supervision of the present Commissioner, Mr. A. E. Smyrk, was made under the provisions of an ordinance approved May 29th, 1884, when I had again the honor of being connected with the administration, appropriating $350,000 for the purpose. This work was divided into two sections, *i. e.*, the northern extension and the southwestern extension; both contracts were

awarded to Messrs, Jones & Thorne, October 21st, 1885. The cost was $345,827.61, leaving an unexpended balance of $4,172.39. The work has been done in a most excellent manner, full details being given in the report, The water is now flowing through its entire length, a total distance of about three miles. No one greater improvement has ever been made in Baltimore. The cost has been nearly $600,000. That it has been economically done, is shown by the balances left over. No money has been more wisely appropriated. To those familiar with the wants of east Baltimore it is unnecessary to speak of its importance. The engineer in charge, Mr. Chas. A. Hook, is deserving of credit.

*New Bridge Across Harris' Creek.*

In connection with this sewer, it is necessary to build a new bridge across Harris' creek, on Boston street. The estimates of the cost are as follows:

| | |
|---|---|
| Cost of bridge foundations | $16,000 |
| Cost of bridge | 3,000 |
| Total | $19,000 |

I recommend the passage of an ordinance providing for this improvement, the cost to be taken out of the amount authorized to be expended for bridges in the five million loan.

*Ogier's Run Sewer.*

While building Harford run sewer, provision was made to connect with a sewer to take care of Ogier's run. This stream, as described in the report, enters

the northeast corner of Patterson Park extension. Until the sewer is built, Patterson Park extension cannot be improved. Plans and estimates have been prepared for its completion to the park boundaries. The estimated cost is $35,000. An ordinance is prepared providing for its construction, to be paid for out of the amount for sewers authorized in the loan. Also an ordinance for continuing the six-foot sewer connection with the main sewer at Patapsco and Monument street with proper inlets, as suggested in the report. This will cost about $3,000. It is recommended to abandon that section of sewer connecting the Division Tunnel of the Harford Run sewer with the northern extension, and building a sewer to connect with the Division Tunnel at Eager and Wolfe streets, to run up Wolfe street and connect with the northern extension at Gay street, the approximate cost of which is $38,700. This will relieve the property on Ann street, between Eager and Gay, from danger of floods. A small sewer should be built parallel to that between Lancaster and Hudson streets, to run from Hudson street, in Luzerne, to tide water. This will prevent all flooding at the intersection of Hudson and Luzerne streets. An inspection of the admirably drawn maps in the City Commissoner's office of the Harford run sewer and its connections will enable your Honorable Body to better understand the importance of these suggestions.

*Other Sewers.*

The authority to expend one million seven hundred and fifty thousand dollars, given by the passage of the five million loan ordinance, enables Baltimore to make

that improvement in storm water sewerage which is imperatively demanded by its rapid growth. Almost every section of the City is deficient in this connection. The constantly increasing area of paved streets increases the volume of water flowing over natural water sheds. New sewers and extensions of old ones are therefore required. In my last message attention was called to the necessity for constructing the following sewers, with their estimated cost, plans of which are already made in the City Commissioner's office. Then we had no means to commence the work, now we have. I therefore urge the passage of the necessary ordinances authorizing it. No better time can be had. In my judgment the City can have most of these sewers built under its own officers better than through contractors. Skilled mechanics and laborers can be secured in Baltimore who will give a good day's work for a fair day's pay. This has been our experience in building sewers during the past year, and in paving the streets with Belgian blocks.

*New Sewers Required.*

The following is a list of sewers, with the estimated cost of some of them, plans for which have either been prepared or are in course of preparation in the City Commissioner's office. The report of the Commissioner gives full descriptions. Druid Hill avenue sewer, estimated cost about $150,000. Northeast branch of Gwynn's run sewer, about $274,000; a small section of this sewer, hereinbefore referred to, has been con-

structed during the year 1888 at intersection of Baker street and Fulton avenue. The Schroeder's run system of sewers, including the Calhoun street sewer for relieving Carey street sewer. This system is essential to the further improvement of property in what is known as west and southwest Baltimore; its estimated cost is about $265,000. The diversion of the present sewer from Arlington avenue, in Pratt, Schroeder and Fayette streets, Arlington avenue and Saratoga street, to Carrollton avenue, estimated at about $60,000. The improvement of Schroeder's run from the foot of Carey street to the Spring Gardens, estimated cost about $300,000. The Chatsworth run system of sewers as follows: Intercepting sewer on Eutaw street from Spring Gardens to Fremont street, and on Fremont street from Eutaw street to Columbia avenue; continuation of Penn street sewer from Dover street to Columbia avenue, and improvement of Chatsworth run north of Baltimore street, in all estimated at about $200,000. Light street sewer, from Light street wharf to West street, estimated cost $51,000. Ogier's run sewer, already referred to, $35,000.

*The Jenkins Run or Carter Alley Sewer.*

Heretofore it was proposed to build this sewer from the culvert under the Union railroad, to connect with the old sewer at the intersection of Carter's alley and Federal street, but as the retaining walls are now being built at a point where this run empties into the falls,

it should be constructed from Jones' Falls to connect with the old sewer at the intersection of Carter's alley and Federal street.

Another sewer imperatively demanded by the property interests in that section, is the Lovegrove alley and Charles street sewer. In this connection Lovegrove alley should be condemned and opened from the present terminus south of North avenue to the south side of North avenue, thence from the north side of North avenue to First street, in the 22d Ward. The sewer should then be constructed north from its present terminus, to connect with the sewer in the alley at First street, the sewer which heads at Charles and Lanvale streets should then be continued northwardly in Charles to the north of North avenue. This would relieve all the streets of this district which now, even in an average rainfall, are impassable. So necessary is its construction that I recommend the adoption of a resolution directing proper notice to be given preliminary to the passage of an ordinance for the condemnation and opening of Lovegrove alley as above suggested.

Another proposed and very necessary sewer is one known as the Camel alley sewer. The plan for the much needed relief of this district is to construct a sewer from Jones' Falls in the beds of the following named streets : Maryland avenue to Oliver street, Oliver to Cathedral, Cathedral to Preston, and in Preston to Madison avenue. A branch should be constructed from this sewer commencing at the intersection of Cathedral

and Oliver streets, in the beds of Mount Royal avenue and Dolphin street to a point west of Mount Royal, to discharge the large accumulation of water from the intersection of Mount Royal avenue and Dolphin street, which flows through and floods the Northern Central Railway Company's property. It will also be necessary to construct a number of inlets as well as to lengthen the sewer in Charles street, from its present head southward about 100 feet, and to construct about ninety feet of sewer in Maryland avenue, south from the main sewer in said avenue. The cost of this is estimated at $11,000.

Another sewer that should certainly be built at once is the sewer for the relief of the district drained by the Monument and McKim streets' sewer. This old sewer, three feet wide and four feet high, with a flat brick bottom, with side walls of rough rubble masonry, poorly laid, and covered with stone flags, has to take care of all the storm water of this large district. It is entirely inadequate. The plan of relief is as follows: To construct a sewer in the bed of Eager street, from Jones' Falls to Valley street, thence in Valley street to Chase street, in Chase street to Ensor street, and in Ensor street to Biddle street. The section of the old sewer which is located on private property could be removed to the bed of Greenmount avenue and Madison street, from Monument to McKim street, and the rest of it put in a proper condition to be utilized for the drainage of that portion of the district south of Eager street. This is a much needed improvement, and

should be at once provided for. The plans of most of these sewers have been prepared, and are now ready in the office of the City Commissioner.

*Pavements.*

The passage of the five million loan ordinance authorizes the expenditure of one million dollars for paying the City's portion of improved pavements. All large cities are now engaged in similar work. Within the past three years Cincinnati has appropriated four millions for the purpose. Belgian blocks are much more economical, and certainly far more comfortable than cobble stones. I hope your Honorable Body will authorize this improvement to commence in the early spring. I suggest among others that the following streets be paved with Belgian blocks : Lexington street, from St. Paul to Charles, and from Eutaw to Fulton avenue ; Franklin street, from Howard street to Pennsylvania avenue, this will connect the Belgian block pavement on Eutaw and Howard streets with that on Charles streets ; Fayette street, from North to Calvert; South street, from Baltimore to Lombard. The Belgian block pavement on Light street, from Pratt to Lee, laid fourteen years since, and subjected to very heavy travel at all times, should be thoroughly repaired, and the block pavement extended from Lee to Montgomery streets. Pratt street, from Howard to Fremont, should have Belgian blocks, the heavy travel over present cobble stones necessitates annual repairing. In east Baltimore some streets should be selected to be

paved with blocks, and in south Baltimore, in my judgment, it would be a great improvement if Fort avenue, on Locust Point, should have a block pavement from Light street to the fort. It is certainly in a most abominable condition now.

Another important street or thoroughfare required to be paved with Belgian blocks is the Falls road, from Maryland avenue to the property of the Maryland Central Railroad Company. The retaining wall along the southwestern side of this road, authorized by ordinance approved October 27th, 1886, has been completed, and the road bed is now ready for paving. The construction of this wall, completed during the year 1888, at a cost of $15,042.62, has been a great improvement. On the opening of Douglas street, I recommend that it be paved at once with Belgian blocks, instead of going through the old process of first cobble stones then blocks.

*Bridges. Light Street Bridge.*

The City Commissioner calls attention to Light street bridge. Since the extension of our limits the law imposes on the City the repair and maintenance of this structure. Formerly this was shared with Anne Arundel county. This bridge is 4551 feet long, with a width of twenty feet. Constructed as it is entirely of wood, it yearly becomes more expensive to keep in repair. It is a thoroughfare over which all truck wagons and travel from the most thickly populated part of Anne Arundel county comes into the City. To cover it with

new flooring requires 364,000 feet of lumber, costing over $8,000 ; the labor to lay the floor with price of material for repairing the superstructure, increases the cost to over $10,000. The salaries of keeper, engineer at the steam draw, and lamplighter, amounts to $1,560 annually. In fact it requires between six and seven thousand dollars per annum to maintain this bridge. If the bridge is to remain, it would be better and cheaper to replace portions of it by a permanent causeway, with an open water way and draw, and then extend Marshall street from its present terminus to the north end of the bridge. If the bridge should ever be removed, as many property owners desire having water front property on the north side of the middle branch, from the bridge to above Howard and Eutaw streets, it would be necessary for the City to maintain a steam ferry across the water way on the present line of the bridge. This is a matter for your consideration, and attention is particularly directed to it in the City Commissioner's report.

*Change of Grade along the Union Railroad and Bridge at Wolfe and Preston Streets.*

The establishment of the grades of the Union Railroad, from Bond street to the eastern City limits, and of the streets crossing its lines, may soon be regarded, says the City Commissioner, as practically arranged subject to confirmation by the Mayor and City Council. The agreement will be submitted for your consideration. This accomplishes the much desired result of

providing for the erection by the Union Railroad Company of a new bridge at the crossing of Wolfe and Preston streets, upon a plan and estimate of the City Commissioner, the cost, including abutments and superstructure, to be shared between the City and the Railroad Company.

The report of the Commissioner gives a detailed statement of all repairs to bridges within the City, including the new wards. Reference thereto will show that it forms a large estimate in annnal expenditures. A bridge over the B. & O. tracks at the foot of Monroe street is required and should be provided for; it will be indispensable if the southwest park contemplated in the five million loan is purchased. I have already referred to the want of a new bridge over Harris' creek on Boston street.

*Roads, Bridges, &c., in the Annex.*

The extension of the City limits, at once gave the City Commissioner's office much additional work. The county authorities had bestowed little or no attention on the bridges, culverts, roads and streets in that district. Everything therefore done in this connection would be a gain over the nothing which had been done before. The bridge over Gwynn's Falls on Wilkins avenue had received no repairs since its erection, its condition for travel was as unsafe as its original construction had been faulty, in plan, material and workmanship. It has been temporarily repaired, but will

soon have to be replaced by a bridge constructed of better material and upon a proper plan. The span can easily be reduced from the present 441 feet to 100 feet. There are thirty bridges in the new wards, varying in length from 8 to 450 feet, nearly all of which require repair. The bridge from the western terminus of Cedar avenue to Druid Hill Park must be built; this was one of the unfulfilled contracts entered into by the county before annexation, which it is incumbent upon the City to carry out. The estimates of cost for this bridge are being made in the Commissioner's office. The bridge to be built by the City should be much better than was proposed by the county authorities. Its cost although large, about $60,000 would soon be returned to the City in improvement of the neighboring property, even at the annex rate of 60 cents.

A stone crusher was purchased in accordance with a resolution of the Council, and has already been utilized in macadamizing one of the roads in the 21st ward. During the spring months Edmondson avenue, between the Franklin road and the old City limits was literally impassable for wheeled vehicles, a good stone road is now provided, and a wagon from Calverton can now reach the City in the winter without cruelty to the horses. Much more remains to be done in this connection. Garrison's lane should be the next road taken in hand, and the Commissioner hopes to have that thoroughly repaired in the spring. The 21st and 22d wards will be greatly improved by good roads.

*Tollgates.*

The existence of tollgates within the City limits appears singular to many. The reason is this. To have bought out the tollgate rights by agreement or condemnation, would have been very expensive. More so than the people were willing to pay. It cost $106,000 to pay for the school houses, engine houses, &c. The annexation bill, therefore, provided that they should be permitted to remain for the present. It will not be long before the opening of parallel streets and avenues will obviate these obstructions, and the companies will be glad to transfer their rights to the City. Some of them are certainly in a most abominable condition, notably the Harford turnpike. I suggest the passage of an ordinance imposing a heavy penalty upon all private corporations for not keeping their turnpike road-beds in proper order within the City limits.

*Jones' Falls Commission.*

The report of the Engineer of this Commission, Mr. William H. Marriott, gives a detailed statement of its work during the year. What is now in progress is the extension of the retaining wall on the south side of the Falls, between Charles street and Maryland avenue, and the extension of the walls on both sides of the Falls, North of Preston street to the railroad lines. The contract for dredging the bed of the falls from a point above Fayette street bridge, was completed December 6, 1888, with the removal, during the year, of

71,450 cubic yards of sand and dirt. The result of this dredging was shown by the fact, that although there were frequent and heavy rain storms during the last summer, taxing the ordinary water channels to their utmost, there was no flood of Jones' Falls, nor will there be any more floods, provided the recommendation of the Engineer be carried out, *i. e.*, "that it should by ordinance be made part of the regular City work to dredge the lower falls annually as far as Baltimore street, to a depth of ten feet. By so doing the upper channel will free itself and all danger from floods be kept at a minimum." The sum of five thousand dollars should annually be appropriated for the work. This should be made part of the duty of the Harbor Board. Thus you have, at least in my judgment, the solution of a problem that has puzzled many City Councils, and until so solved last summer, has caused much damage and many sleepless nights to property holders along the banks of Jones' Falls.

The attention of the Council is called to the necessity for making the necessary appropriations, estimated at $6,150.00, for keeping in repair the bridges over the Falls. These are expensive iron structures, and the fact that they are constantly subjected to destructive gases from the smoke of locomotives passing under most of them, necessitates constant painting to protect the iron work from injury. It will also be necessary to appropriate $1,612.16, the contract price for keeping the asphalt floors of the St. Paul, Calvert and Biddle street bridges in good order.

## MARYLAND INSTITUTE.

I recommend a continuance of the usual appropriation to the Maryland Institute. The work it is doing in this community is practical and productive of excellent results. Several hundred persons, young men and women, are availing themselves of the opportunities it offers for obtaining the best instruction in architectural, chemical and artistic drawing. Its president and board of managers deserve thanks for the admirable manner in which it is conducted. Both State and City have done well in giving it aid.

## WATER DEPARTMENT,

The nett revenue from water rents, meter supplies, &c., for 1888 was $635,397.47; in 1887 it was $641,924.10. The water tax collected by the City in 1888, was $48,903.52. The working expenses of the department were $121,301.69. Applications for new supplies in 1888 were 2674 for houses and warehouses. In 1887 these applications were 3669. It has been the constant effort of the Water Board to reduce water rents, and during the past year a revised schedule of rates has been adopted, by which an aggregate deduction of $80,000 has been made to the consumers without increase being caused thereby in the tax levy or any impairing of the ability of the department to pay interest upon the water bonds and provide for all current expenses. Of the one million dollars of 4 per cent. bonds authorized to be issued for construction of an additional High Service Reservoir, laying mains and

completion of Lake Clifton, four hundred thousand have been sold at a premium of $29,753, which has been paid to the general sinking fund of the City. Lake Clifton is completed and now forms part of the Gunpowder water supply system. A lot of land lying east of Broadway and north of the Union railroad enbankment has been purchased, for erecting thereon an eastern high service pumping station.

Guilford Reservoir, on Cold Spring lane, at an elevation of 350 feet above tide, has been commenced. It will have a capacity of forty million gallons; the water for its supply will be drawn from Lake Clifton through the Eastern Pumping Station. All territory lying between Huntington avenue and Cold Spring lane will be furnished from this reservoir. The mains formerly used for the temporary supply connecting the Gunpowder river with Roland run, are being taken up, to be relaid along the York turnpike, forming a line through which water will be forced from Clifton to Guilford. Additional mains are being put down as rapidly as practicable, to supply the wants of the 21st and 22d Wards. Those now in use in portions of this district being inadequate for the increased demand for water, will be abandoned as soon as the new mains can be laid. Continued attention has been given to the distribution of water for fire service. Mains have been enlarged and extended, and plugs of increased capacity erected, many of the latter will supply two engines. The aggregate number of plugs now in use is 1169, of which 131 have been erected during the past year. In this

connection I wish to congratulate the Water Company of Catonsville on the efficient system of works it has established. The mains of this company will soon extend into a portion of our new 21st Ward and will doubtless be availed of by some of our citizens, as yet out of reach of the city mains.

## CITY LIBRARY.

The report of the Librarian is herewith submitted. The cost of stationery for the departments was $7,991.89, exclusive of amount paid by Water Department, $1,113.81. The Library has the custody of all books and plats connected with street opening, and is from time to time, as the limited means at its command will permit, securing old City plats. A continuance of this useful work requires a small appropriation. These documents are carefully preserved and often furnish valuable information. Regular exchanges of municipal reports are made with other cities in this country and Europe; all papers, books and letters connected with the City government are carefully preserved, and the Library, under the care of its efficient chief, Mr. Samuel D. Smith, is a useful and interesting municipal department. The report suggests the passage of an ordinance regulating by law the number of copies of City ordinances and resolutions to be printed, and to whom they shall be distributed.

COMMISSIONERS FOR OPENING STREETS.

This report gives a list of all streets and alleys opened and closed, and in process of condemnation, with detailed accounts of the damages and benefits. It will be seen therein that sixteen streets have been opened, costing the City $121,516.72.

LAW DEPARTMENT.

The report of the City Solicitor gives the cases now before the Courts, decided during 1888, in which the City was a party. Among these were Lewis Raymo *et. al.* vs. The Mayor and City Council. This was an appeal from a decree of the Circuit Court of Baltimore enjoining the City from collecting assessments for repaving Gay street. The decree of the lower Court was reversed, and the bill dismissed. The case of George M. Morgan vs. The Mayor and City Council, involving the constitutionality of the City Extension law, was decided by the Court of Appeals in favor of the City. The cases of Mary G. Birmingham vs. Mayor and City Council of Baltimore, for alleged illegal entry on defendant's ground, and of Mary Spellman *et. al.* vs. Mayor and City Council of Baltimore for alleged injuries owing to negligence in not replacing a lamp, were both decided in favor of the City. One case for sixty dollars damages to a horse was decided against us, and another small claim for damages was settled. The City law officers have been very successful in defending the municipality. A list of the cases still pending in the Courts is given;

among these is that against the Union Passenger Railroad Company for unpaid Park Tax. The other companies against which suits were brought having settled.

### EXAMINATION OF TITLES.

This is an important division of the Law Department. The report of the Examiner herewith submitted, contains a list of all streets directed to be opened, and of property purchased for the erection of City buildings, the titles to which have been examined in 1888. A reference to this report will show the amount and importance of the work done by the Examiner.

### JAIL.

The expenses of the Jail for 1888 were $53,909.34, leaving a balance of the appropriation unexpended of $6,090.66. The receipts were 2,094.01, only $336.86 being from prison labor. In 1887 the expenses were $60,999.65 and receipts $2,037.34. The number of commitments during the year was 10,517 and the daily average of prisoners 471. In 1887 the commitments were 9,898 and daily average 452. The number committed for drunkenness and minor offences was 7,731. In 1887 the number of these commitments was 7,584. It will thus be seen that the larger number of prisoners belong to the bummer class arrested for some petty offence and sent to Jail for thirty days in default of payment of fine and costs, $3.70. As said in my last message, "a large field is here offered to the philan-

thropist in devising some system of reforming these unfortunates."

The Jail building is in excellent condition, the special appropriation of $6,000.00, made by the last Council having been expended in putting the roof in thorough repair. The Jail is well and economically managed; for many years it has been a model institution, the inspection of which will well repay those citizens or strangers who take an interest in the subject of prisons.

## HEALTH DEPARTMENT.

The cost of this department for the year 1888, was $57,581.39, and for the Quarantine Hospital $17,677.86. In 1887 it was $56,752.91 and for Quarantine $17,677.86. Number of deaths from all diseases in 1888, was 8,936, an average death rate of the whole population, as estimated by Police census, of 17.87 per thousand. This is lower than that of any other city in the country. In 1887 the number of deaths was 8,372. During the year 1888 there has been no deaths from small pox, forty-four from scarlet fever, 118 from diphtheria; a fair indication of the healthfulness of Baltimore. The Health officer refers to the good effect of the plumbing law, the tables of mortality showing a remarkable decrease in deaths from zymotic diseases since its enforcement. This decrease in zymotic diseases is remarkable. In 1830 with a population of 81,000 there were 149 deaths from scarlet fever, while in 1888 with a population of 500,000 the deaths from this disease are only forty-four.

In the matter of diphtheria the reports show that during seven years, from 1877 to 1883, the yearly average of deaths was 469; in 1882 the number of deaths being 707 and in 1883, 591. In the five years from '84 to '88 inclusive, the average was 143; in 1888 the deaths are reduced to 118.

The report again urges the passage of a law regulating the proper drainage of ground before the erection of new buildings. It recommends that no permits be granted by the Appeal Tax Court until the City Commissioner certifies that the land is properly drained. An inspection of milk and meat is recommended. If coal oil is inspected to preserve the life of adults from danger, why not make an effort to prevent the sale of impure milk, when milk constitutes the food of the large majority of children in Baltimore? The same reason is applicable to the inspection of meats now being brought in such large quantities to our markets from the west. The inadequate accommodation for the pauper insane is also referred to. Our asylum at Bay View is overcrowded, and the City now has 133 patients at Spring Grove and 185 at Mount Hope Asylums. At the two latter institutions the charge is $150.00 per annum, the amount paid to these two institutions during the year being $51,014.92. At the Baltimore Insane Asylum they are made just as comfortable and are equally as well cared for at one-half the price. The Assistant Health Officer, Dr. McShane, who has especial charge of keeping clean the sewers and the abatement of nuisances, gives in detail an ac-

count of the work done in this connection during the year. The reports of the Health Department are very full, and the vital statistics given therein are interesting and instructive. The appreciation in which these reports are held in other cities, both in Europe and America, have given them a wide circulation, and have done much in advertising the well established fact, that Baltimore is the healthiest city in the world.

### QUARANTINE DEPARTMENT.

The report of Dr. Heiskell states that the number of vessels boarded during the year was 457, of which 204 were steamers. The quarantine fees collected and returned to the City treasury amounted to $4,019.03. In 1887 the vessels boarded were 555 of which 281 were steamers, and fees collected $4,847.19. Thus showing a falling off of the shipping during the past year. There were only fourteen cases treated in the hospital and but one death. Attention is again called to the dilapidated condition of the old Quarantine or Pest Hospital, and to the need of two new buildings at the present Quarantine. We have for so many years been free from any pest diseases that the necessity for even providing for such a contingency has been apparently forgotten.

### STREET CLEANING DEPARTMENT.

The amount expended for street cleaning and removal of garbage and ashes during the year 1888 was $265,384.98. Of this sum, $9,000 was paid to the con-

tractor, Matthew W. Adams, for removing the garbage from the City. Of garbage, there was collected and delivered at the City dumps 270,112, and of street dirt, ice, snow, &c., 293,551 cart loads. The amount realized from sale of refuse was $1,918.50. In addition to the above, there was expended for removing garbage to the dumps from the City annex, *i. e.*, from the 21st and 22d Wards, $7,594.96. An extra appropriation was made during the winter of 1887-8 of $5,000 for removing ice and snow from the streets of the City. Of this, $2,651.00 was expended, leaving a balance in the treasury of $2,348.30. The contract for removal of garbage from the City was made for two years, from July 1st, 1887, with Mr. M. W. Adams, at $9,000 for the first and $8,000 for the second year. By an ordinance approved May 9th, 1888, the Mayor, Commissioner of Health and City Comptroller were authorized to contract for removal of all pea hulls, peach parings, tomato skins and other kinds of fruit and vegetable refuse from the canning houses in the City, the said refuse to be delivered to the scows of the contractors. An arrangement was therefore made for one year with contractor Adams at the price of $7,500. Such a policy was rendered necessary by the inability of the City to provide a proper dumping ground; no place could be found within its limits, and the authorities of Baltimore county forbid dumping in that territory. The result was that much of this material found its way into the harbor, causing expense for dredging and threatening the health of the City. It will be necessary to make provision for payment of this service,

and also for removal of garbage for the six months ending December 31st, 1888. The Superintendent says:

"If the same disposition of garbage be continued during the next year it will be necessary to provide for its removal by rail from the northern part of the City, the dumps now being so remote from this section that more time is consumed by the carts going and returning therefrom than in the collection of the garbage."

I again call the attention of the Council to the fact that by a provision of the law governing this department the Superintendent or head of the department has no power in the selection of its employees. This is done by the several district superintendents. Under this condition of affairs it is impossible to secure proper and efficient service. In my former administrations I urged that this law be changed. My predecessor in office, Mayor Hodges, earnestly recommended it, and so has the General Superintendent of Streets in every report for the past six years.

There are now employed by the City 135 garbage carts and 56 street carts with drivers, at $18.00 per week each, with 125 men employed as sweepers and scrapers at $10.00 each per week. In the City annex there are 11 garbage and 3 street carts, with 6 sweepers and scrapers. There are seven district superintendents of streets at $1,000 per annum each, one of whom is required to reside in the annex. The Commissioner of Street Cleaning receives a salary of $2,000 per annum.

## FIRE DEPARTMENT.

The Fire Department of Baltimore consists of 14 engines and 6 hook and ladder companies within the first twenty wards. The apparatus connected with these companies is as follows: Fourteen steam fire engines in regular service, 5 steam fire engines in reserve, 2 old engines used for pumping out cellars, &c., 28 hose carriages, 6 Hayes extension trucks, 4 Bank Hook and ladder trucks, one truck for carrying broken apparatus, and 5 two-horse truck wagons, used to carry fuel to engines in active service. There are also 10 wagons for use by the officers of the department. In the annex, or 21st and 22d Wards, there are 7 double tank chemical engines and 3 hook and ladder trucks. During the year 1888 one engine company and one new truck company were organized within the old city limits. The force consists of 261 members, of which 131 are permanent and 130 are call members. Twenty-five of the permanent members are attached to the companies in the 21st and 22d Wards. There are 5 substitute members to each company. These give their service without compensation, except when on duty for regular members. They are in the line of promotion and are insured against accident, as are the regular members. From their ranks the regulars are recruited. The permanent members are those whose whole time is at the service of the department; the call members are required to sleep at the engine house at night, but during the day may engage in other employment, being, however, required to report for duty on the sounding of an alarm

of fire, with their respective companies. Connected with the service are 109 horses, of which 20 are used for the companies in the 21st and 22d Wards. The department is governed by a board consisting of three commissioners, appointed bi-annually by the Mayor and paid an annual salary of $1,000 each. The Mayor is *ex efficio* a member of the board.

The department is under the immediate direction of a chief engineer, with two assistant engineers, and one superintendent of companies, the latter having special charge of the companies in the 21st and 22d Wards. Connected with the Fire Department is a system of Police and Fire Alarm Telegraph, under the charge of a superintendent, with four operators, one lineman, one assistant lineman and one battery man. There are 269 alarm boxes, 27 of which are in the 21st and 22d Wards. The cost of maintaining the department in the first twenty wards for the year 1888 was as follows:

| | |
|---|---|
| Fire Department | $204,406 15 |
| Police and fire alarm telegraph | 31,198 96 |
| Insurance indemnity paid to members. | 3,943 90 |
| Total | $239,549 01 |

The amount expended in the 21st and 22d Wards from June 1st, 1888, the date of their annexation, to December 31st, 1888, was for Fire Deparment $13,-559.41, and for Police and Fire Alarm Telegraph $688.25—a total of $14,247.66. As said in my last

message, "The Fire Department of Baltimore is small in proportion to the population of the City, but its efficiency will compare most favorably with that of any city in the country." The report of the commissioners truly says, "The machinery, horses and harness of the department are in excellent condition. The machinery and harness are of the latest and most approved character. The men who compose its force are the equals, if not the superiors, of any firemen in any city in the country." An examination of the very full report of the department will attest its efficiency by showing the large number of fires which have been extinguished with so little loss of property. During the past year the following members of the department died at their post of duty: Henry Walker, George Kerns, Patrick J. Ryan, John Acomb, Thomas Wagner, Hiram A. McAfee and George Bowers.

All that men could do our firemen have done to save life and property. But their ranks should be increased. The growth of the City requires an addition to the force. I therefore join in the recommendations in this connection of the Board of Fire Commissioners, that "two additional fire engine companies and a fire boat for the harbor are absolutely necessary for the proper protection of the City." One of these companies should be located in the centre of the City, somewhere near the corner of Lombard and Liberty streets, thus giving a down grade going east and south; and the other in the neighborhood of the Union Railroad depot. The fire boat would be a most efficient aid in subduing

fires in the commercial district of the City. As suggested in the report of the Commissioners, a proper building law should be enacted by the City Council. This would greatly reduce the danger of a fire spreading from building to building, and would largely lessen the risk incurred by firemen engaged in subduing a conflagration. In fact, humanity demands that laws controlling the mode of erecting buildings liable to destruction by fire should be enacted. Provision should also be made for constantly increasing the number of fire plugs throughout the City, in order that every facility may be afforded for the use of our ample water supply when needed for the extinguishment of fires. It must not be forgotten that the facilities afforded for promptly sending in alarms tends greatly to lessen the danger of loss. In this connection the report of the Superintendent of Police and Fire Alarm Telegraph recommends an increase of the improved keyless fire alarm boxes, especially in the central and business portions of the City. It will also be necessary to provide additional fire alarm boxes in many districts in the 21st and 22d Wards, and to make such alterations in the machinery of what was the old county system as will make it conform in every respect with that existing in other parts of the City. To quote: "Portions of the new wards are as thickly populated as many districts within the old City limits, and yet in many cases the fire alarm boxes are from a half a mile to a mile apart, and Woodberry, with its many thousand inhabitants, has only one fire alarm box." It must not be forgotten that our two new wards

are entitled to every protection that can be given to property. The full details of what is required in this connection is given in the report of the Superintendent of Police and Fire Alarm Telegraph. To properly maintain the telegraph lines in the new wards the services of an additional lineman is required.

## PUBLIC PARKS.

The Park Commission has now under its charge the following Parks, in the maintenance of which the amounts hereafter stated have been expended in 1888. The report of the Engineer gives a detailed statement of the work done at each Park.

| | |
|---|---|
| Druid Hill Park | $63,533 15 |
| Patterson Park | 13,939 15 |
| Federal Hill Park | 6,232 75 |
| Riverside Park | 4,335 45 |
| Johnson Square | 1,661 14 |
| Collington Square | 2,521 55 |
| Frick's Triangle | 428 66 |

The sum of three thousand dollars was appropriated and expended during the past summer for music in the Parks. The amount required for the support of Druid Hill and Patterson Parks is derived from the tax on City Passenger Railways, which pay 9 per cent. of their gross incomes for this purpose to the City treasury; the others are supported by direct taxation. In 1890 the original Park loan of $555,566.25 becomes due. As the amount in the sinking fund, $656,442.62, applicable to

the payment of the principal of this loan is much more than sufficient for that purpose, the sum annually deducted for payment of interest on the Park debt and for maintenance of the sinking fund will be applicable for Park purposes.

As the interest alone on the Park debt is $41,333.96 per annum, and the amount deducted in 1888 from the receipts of the Passenger Railroads for the benefit of the Park debt sinking fund was $19,160.46, will, when the Park debt is paid, be applicable to the improvement and maintenance of the Parks, it will be seen that the receipts from Passenger Railroads will be amply sufficient to maintain all the Parks under the control of the Commission and thus relieve the taxpayers from any further direct tax in this connection.

The gross income derived from Passenger Railways in 1888 was $137,136.47 ; in 1887 it was $132,167.20.

The improvement of the eastern addition to Patterson Park should certainly be proceeded with as rapidly as practicable. The Five Million loan authorized by a vote of the people in November last will afford this opportunity, two hundred thousand dollars being applicable for the purpose. It is optional with the City Council whether to expend the whole amount for improvement or to use a portion for purchasing more land on the eastern boundary of the Park. It is hoped that provision will be made by your Honorable Body for the construction of what is known as Ogier's Run Sewer, which, since the completion of Harford Run Sewer,

alone interferes with the improvemenl of Patterson Park Addition.

It is important for the proper enjoyment of Drufd Hill Park to Macadamize several of the roads, so that they can be used for winter and spring driving; for this purpose arrangements have already been made to purchase a stone crusher and a five-ton steam roller. Plans have been made for the erection of additional shelters to protect visitors from sudden showers of rain. It is suggested by the Engineer to put a large shelter at the Madison avenue entrance on the site of the old fort, which it is proposed to remove.

The proposed extension of Fulton avenue to North avenue will afford to the people of the West End a long desired approach to Druid Hill Park. Many other improvements are contemplated in connection with the Parks in charge of the Commission, all of which are fully set forth, together with all the items of expenditure during the past year in the admirable report of the Engineer.

The following figures will answer questions frequently asked at the City Hall about the area of the several parks of Baltimore :

Druid Hill Park, 693 acres; Patterson Park, 113½ acres; Riverside Park, 17¼ acres; Federal Hill Park, 8¼ acres; Johnson Square, $2\frac{58}{100}$ acres; Collington Square, $5\frac{14}{100}$ acres.

I shall submit for consideration of your Honorable Body an ordinance putting the "Sunken Gardens" on Hoffman street, between North street and Lovegrove alley in charge of the Park Commission.

The questions at issue between the City and some of the City Passenger Railways in relation to the payment of the park tax on that portion of their lines lying outside of the City limits, before the annexation of the present 21st and 22d Wards, have been settled with the North Baltimore and the Citizens' line, and the York Road line will probably settle in a short time, the Union line, however, still refuses to make a settlement, and a suit is now pending between the City and that company. There has never been any difference on this subject with the City Passenger Railroad Company.

## INSPECTOR OF BUILDINGS.

The work in this office is given in detail in the report of the Inspector. The amount expended in 1888 was $133,414.79. The net revenues were $5,250.57. The revenue for 1887 was $4,890.00. Two new school houses have been completed during the year, No. 8 Male and Female Primary, and No. 1 Colored High and Grammar School. The building for No. 2 Grammar, on the corner of Broadway and Bank street, now in course of construction, will probably be finished before July, 1889. The school house for No. 9 Colored Primary School, on Carrollton and Riggs avenue, will be completed in time for the September session of 1889. It

will accommodate 700 pupils. As the lot is a large one there will be ample space for play grounds on three of its sides. The appropriation of $18,000 will hardly be sufficient to fully complete this building. A small additional sum, will, therefore, be asked by the Inspector in this connection. Some objection has been made to the location of this school by the adjacent property holders. It was difficult to obtain a suitable lot within the limits prescribed by the ordinance. An effort was made to purchase a lot on Patterson avenue, near the Colored Baptist Church, but the owners, while willing to lease, declined to sell. The law required an absolute purchase.

No. 14 Engine House, on Hollins, west of Monroe street, and No. 6 Truck House, Hanover and Ostend streets, have both been completed during the year. All the public buildings have been kept in proper repair. The fifteen hundred dollars appropriated for repairing buildings in the 21st and 22d Wards has been expended where most needed, and with good results. These details will be found in the report.

BAYVIEW ASYLUM.

On January 1st, 1888, there were 1,304 persons in this institution; admitted during the year, 2,459; born in institution, 35; died, 291. The number enjoying its benefits during the year was 3,757: in 1887 the number was 3,439, thus showing a gradual yearly increase. The cost of maintaining the asylum was $79,998, and the receipts paid into the City treasury

were $2,927.43. The cost of inmates was $70.50 $\frac{75}{100}$ per capita per annum. The average daily number of beneficiaries was 1,093. The institution is well, economically and humanely conducted. The members of the Board of Visitors are entitled to much credit for their services. Bayview is an asylum, not a prison, and therefore the inmates are not subjected to prison discipline. The inmates, however, do all the inside and outside work, and on the farm connected with the institution grow nearly all the vegetables consumed therein. The object of the Trustees is to make as comfortable as practicable under the circumstances those unfortunates who, broken in health and fortune, are compelled to rely upon the public for support. Occasionally some undeserving ones obtain its benefits, but the very large majority are the old, infirm, sick and insane poor of this great City. In such an institution it would be impracticable to introduce, as has been advocated by some, a regular system of labor for the inmates. Persons residents of other States and of counties in this State find their way some times to Bayview. It would be much cheaper to send such people to their homes than maintain them at the expense of the City. I therefore recommend a liberal appropriation be made for this purpose. The insane department has now 290 inmates, that is, forty more than it was ever intended to accommodate. There are also a number of insane patients in the main building. Some measure must be adopted for erecting additional quarters for this class of unfortunates. The difference in cost between supporting them here and at Spring Grove or

Mount Hope—about $80 per capita—would soon repay the necessary outlay.

## HARBOR BOARD.

The report of this department gives the amount of dredging during 1888, 225,229 cubic yards; the total area dredged over was about 207,571 square yards. Cost of dredging, actual amount paid contractor for this work, $34,822.27, or about $15\frac{45}{100}$ cents per yard. The gross amount paid out for dredging, supervision of dredging, maintenance and repair of tug Baltimore and all office and general administration expenses for work of the Board was $49,064.10. This would make gross cost of dredging $21\frac{77}{100}$ cents per yard. The result of the work was as follows: Removal from City Dock of all deposits above fourteen feet depth at low water; the removal of sewer and all other deposits from the docks; the removal of a shoal to a depth of twenty-feet along the north side of the basin, opposite mouth of Jones' Falls; the re-establishment of twenty-four feet depth about Fell's Point, from Brown's to Henderson's wharf; the addition of ninety feet to the twenty-four foot deep channel on the east side of lower harbor, from the Northern Central Railroad Company's elevator to the Baltimore & Ohio Railroad's ferry-slip; the removal to twenty-seven feet at low water of all material above that depth and below a line drawn from Baltimore & Ohio pier No. 32 to Northern Central elevator, so that deep draught vessels can pass across the lower harbor between the elevators.

In the Middle Branch the depths of twelve and fifteen feet were re-established where necessary in both main and lateral channels, including a cut two hundred feet by four hundred feet just below the draw in Light-street Bridge, where the water had shoaled to such an extent as to interfere with vessels of fourteen feet draught through the draw.

Under the appropriations made by the General Government work was resumed by Col. Craighill in October in the Brewerton Channel which has been substantially widened from two hundred and seventy-five feet to four hundred feet with a depth of twenty-seven feet at mean low water, and while some dredging remains to be done at the angles of its intersection with the "Cut-off" and Fort McHenry channels; the report states that the improvements have resulted in a continuous channel twenty-seven feet deep and four hundred feet wide, about one and one-half mile from Fort Carroll, from whence to the City there is a channel of the same depth about two hundred and fifty feet wide. The Engineer of the Harbor Board says: "The recent groundings and accidents in the avenues to this port urges upon us the necessity, as stated in the last report, of having both sides of all dredged channels buoyed."

During the year the work of replacing the wooden bulkhead around the City Dock with a stone wall was continued, $8,144.14 of the appropriation of $9,500.00 being expended. The report also gives a statement of the work done at Little Hawkins' Point, and in repairing wharves. The re-survey of harbor and maps of

same have been completed, and photo-lithographic copies made and distributed as required. The ice-boat F. C. Latrobe is in thorough condition and ready for ice breaking whenever called upon. The boat was actively engaged in the work of harbor relief from January 19th to February 18th, 1888, day and night, being only in port for fuel and provisions. Twelve round trips were made by the "Latrobe" last summer to Chesterwood in the interest of the Poor Summer Excursion Society. The Board ask for the appropriation of $10,000 to commence the work of re-building the dilapidated sea-wall at the old Marine Hospital, as stated in its last report. This work is urgently needed.

## PUBLIC SCHOOLS.

The number of schools in 1888, under charge of the Board is 140, as follows:

| | | |
|---|---|---|
| 1 Baltimore City College | 385 | pupils |
| 2 Female High Schools | 694 | " |
| 1 Manual Training School | 510 | " |
| 39 Grammar Schools | 11,567 | " |
| 60 Primary Schools | 18,454 | " |
| 5 English Grammar Schools | 4,826 | " |
| 16 Colored Schools | 5,530 | " |
| 16 Grammar and Primary Schools in 21st and 22d Wards | 4,555 | " |
| Number of pupils on Roll | 46,521 | |

The average daily attendance was 37,892. The whole number of pupils in schools during the year was 59,906. The per centage of attendance was 85, ranging from 92 in the Female High School to 81 in the Colored Schools. The number of teachers is 1,123, of whom 112 are male and 1,011 female; all are white except six employed in Colored Schools in the new wards. In the new wards thirteen of the schools are for white and three for colored children. During the year there were 201 non-resident pupils, paying for tuition $6,104.84. Most of them will hereafter be free pupils, by reason of City extension.

| | |
|---|---|
| The total amount appropriated for the High, Grammar and Primary Schools, white and colored | $742,500 00 |
| Manual Training School | 15,000 00 |
| Total | $757,500 00 |

The receipts were as follows:

| | | |
|---|---|---|
| City Collector | $583,974 59 | |
| State Treasurer | 159,592 16 | |
| Non-resident pupils | 6,104 84 | |
| John F. Plummer, interest on legacy | 129 55 | |
| Intestate estates | 93,99 | |
| | | $749,895 13 |

The disbursements were as follows:

| | | |
|---|---|---|
| Salaries of Officers and Teachers | $613,991 80 | |
| Rents and ground rents | 34,719 25 | |
| Books and stationery | 38,986 59 | |
| Heating apparatus | 7,419 19 | |
| Furniture | 9,077 35 | |
| Fuel | 19,915 01 | |
| Repairs and cleaning | 6,937 56 | |
| Printing, supplies and incidentals | 9,476 53 | |
| Manual Training School | 16,971 10 | |
| | | $757,494 38 |

Of this amount $673,262.36 was expended for White, and $84,232.02 for Colored Schools. In addition, the expenses of the schools in the 21st and 22d wards were $43,302.10. Thus making the total expenses of all the schools $800,796.48. The amount estimated in the requirements for free public education for 1888 is $887,500, the details of which are given in the report.

There are one hundred buildings now occupied by the schools, of which seventy-five are owned by the City and twenty-five are rented. Of this number, ten in the new wards are owned and eight rented.

During 1888, the new building for Colored High and Grammar Schools on Saratoga street, has been completed and is now occupied. It has about one thousand pupils in twenty-three classes, with twenty-three teach-

ers. A new building for Male and Female Primary, No. 8, has been finished, on Caroline street. The erection of the large building for Grammar, No. 2, on Broadway, is rapidly progressing. A new building for a colored primary school is being erected in the western section, to be completed in September next. This will be the first colored school in the city in which by requirement of law colored teachers will be employed to teach colored children. I am sure that this policy, so strongly recommend by both my predecessor, Mayor Hodges and myself, will prove successful.

The authority to expend four hundred thousand dollars given by the passage of the five million loan, induces the School Board to ask for the erection of new buildings for the following schools: Male and Female Primary, No. 24, corner Chesapeake and Hudson streets; English Grammar, No. 5, south Fremont, near Lombard; Manual Training School, on Courtland street; Male and Female Primary, No. 31, corner of Pierce and Schroeder streets; Male and Female Grammar No. 8, Hollins street, near Fulton; Grammar and Primary, No. 9, and Primary, No. 19, to be located in the northern part of the City, between Preston street and Boundary avenue; No. 4 Annex School, corner Chestnut street and Second avenue; Male and Female Grammar, No. 20, corner John and Eager streets, and also for enlargement of No. 3 school, corner of Oak and Fifth streets, and Male and Female Primary, No. 11, on Gilmor street. These schools will replace the twenty-five rented houses, halls, and churches, now

used as school houses at an annual rental of $8,811; these rented buildings are unfit for the purpose. It will be a measure of economy to expend at least $200,000 in the erection of new buildings as the City is now paying over four per cent. for rental on that amount. The general condition of the schools is satisfactory. There is a continued annual increase of pupils composed of every class in the community. A very large proportion of these complete their education in the Grammar Schools, only about four per cent. going to the City College and Female High Schools. The number of candidates for positions as teachers examined during the year was forty-five, of whom fourteen passed. One hundred and forty became eligible as graduates. The number now registered as applicants who are eligible is five hundred and seventy-three. The average annual salary of a teacher is $572, and the average cost per capita annually of a pupil is $18.05.

The report of the School Board is very full and in detail. I regret the limits of this message denies me a fuller review. It will be found most interesting to all those who value free public education. I earnestly recommend that liberal provision be made for the support of our free schools; no money is better invested. Much has been said in regard to the mode of government of the public schools. At present the Board consists of one member from each ward, elected by the Council in joint convention. This subject was ably reviewed in the report of a commission in 1887, of

which Hon. George William Brown was chairman, where the defects of the present system are fully stated.

I think the system of management would be improved if the members of the Board were appointed by the Mayor and confirmed by the Council, the responsibility thus placed upon the executive would tend to secure proper selections. The Board, in my judgment, should be reduced to nine or fifteen, as recommended in the report of the commission above referred to. The teachers should be appointed for a term of years, instead of being annually elected, and the stationery, books and all other supplies required, should be furnished on proposals, to be opened at the City Hall, by the Mayor, Comptroller and Register, who should award the contracts. This subject, however, is one requiring earnest consideration, as the management of the public schools and the expenditure of the large amount annually required for their maintenance is a matter of great importance to the people.

SUPERINTENDENT OF LAMPS AND INSPECTOR OF METERS.

This department has charge of all matters connected with lighting the City and the inspection of gas meters. The number of gas lamps used for street lighting in the first twenty wards is five thousand three hundred and seven, of electric lights five hundred and eighty four arc lights and sixteen incandescent lights, the latter being used to illuminate the clock in No. 6 Engine House, and of gasoline lamps, eight hundred and fifty-five. Of these, the additions during 1888 were

one hundred and eighty-three gas lamps, fifty-three electric arc lights, and the sixteen incandescent lights of twenty-five candle power each. The price of gas is $1.25 per thousand feet ; *i. e.*, cost per lamp per annum for gas $25, to which add for lighting, cleaning, renewals and repairs, $8.04, making the total cost of each gas lamp $33.04. An electric light will do about the same service in street lighting as four gas lamps. The cost of electric arc lights is 50 cents per light per night, or $182.50 per annum each. The cost of gasoline lamps was $18 per annum each, until July 1st, 1888, since which time the price has been reduced to $14 per annum. In the 21st and 22d Wards there are three hundred and ninety gas lamps, twenty-eight having been put up since June 1st, 1888, the date of annexation, and five hundred and fifty gasoline lamps, thirty-six having been added since June 1st. All City lamps are now lighted every night, corporation moonlights having been abandoned. There is no contract with either gas, electric light or gasoline companies ; the City dealing with these companies as would an individual. In the first twenty wards there are one hundred and four lamplighters, paid $8.00 per week each, and five district superintendents at $12.50 per week each.

In the first twenty wards of the City the cost of lighting for 1888 was as follows :

| | |
|---|---|
| Cost of electric arc lights | $103,222 00 |
| Cost of incandescent lights | 76 12 |
| Cost of gas for lighting streets, market houses, squares, &c., in 1888 | 128,922 47 |

| | |
|---|---|
| Erecting new lamps, repairs to services, straightening poles, &c | 2,297 75 |
| Cost of gasoline, including repairs | 13,683 17 |
| Cost of lamp pillars, burners, lamps and repairs | 6,039 94 |
| One hundred and four lamplighters at $416 per annum each | 43,264 00 |
| Five superintendents, $650 each | 3,250 00 |
| Livery of horse for general superintendent. | 300 00 |
| | $301,055 45 |

Annex since June 1, 1888:

| | | |
|---|---|---|
| Gas for lamps | $2,687 99 | |
| Erecting new lamps, repairs, &c | 444 55 | |
| Gasoline for new gasoline lamps, repairs, &c | 2,458 31 | |
| Salaries of twenty lamplighters since June 1, 1888 | 5,055 12 | |
| Salary of district superintendent, appointed July 1, 1888 | 325 00 | |
| | | $10,970 97 |

It will thus be seen that the lighting of a large City is a very expensive necessity.

In the two new wards the gasoline is purchased by the City and delivered at places designated for its storage. The lamplighters fill the lamps and keep them in order, the necessary repairs to the tin work being done by contract with parties living in that district. This plan works effectively and economically. A similar

policy if adopted would, in my judgment, give satisfaction in the first twenty wards. I ask for it your favorable consideration. The revenue received by the City from this department in 1888 for inspecting meters, was $2,748.50.

BOLTON DEPOT PROPERTY.

The Bolton Depot property was acquired by the City under provisions of an Act of the General Assembly, 1882, Chapter 323. Under this Act the Northern Central Railway Company was authorized to acquire by condemnation the land now occupied by the said company in lieu of what was its Bolton Depot, and to give therefor to the City in exchange, the Bolton Depot lot. The City being compelled to pay all costs of condemnation, court costs, &c., and in addition thereto, to pay the cost incurred by said railroad company to adapt and accommodate the ground so acquired for depot purposes, and to remove thereto and fit up thereon the tracks and other railroad appliances then in use in said Bolton Depot.

The amount awarded by the Jury of Condemnation as the value of the lot now occupied by the Northern Central Railway Company, and which the City was to pay under the provisions of the Act of Assembly of 1882, Chapter 323, was ..... $392,744 96
Cost of inquisition, court costs, &c ..... 22,887 29

Total cost of property ..... $415,632 25

For this amount the City's obligation was given. The original estimate of the cost of removing the railroad depot from the Bolton lot to its present site was $90,745.00. This was subsequently reduced to $76,000.00, and finally compromised for $40,000.00, for which the City gave its note at four months without interest, which was paid at maturity. When it was suggested to remove the Bolton Depot by the method provided in the Act of 1882, it was not with any idea that the City would realize from the sale of the lot thus obtained the full cost paid for the depot's removal. Part of the return would, of course, be from this source, but the large part would be from the increase of taxable basis due to the improvement. If no improvements were made but where the cost was directly paid back in money, no street would be opened, for in nearly every such case the damages paid by the City are largely in excess of benefits assessed on surrounding property. The opening of Douglas street will cost, probably, over $400,000, the widening of Fayette street about $550,000, and of the "Narrows" on Baltimore street $250,000 more than the money received from benefits or assessments on surrounding property. But the actual money derived by the City in the near future from each of these improvements or investments will much more than repay the original outlay. The City, like an individual, often invests immediate capital to reap large future profits. It has been asked, why the Bolton lot is not sold and put upon the tax list? The answer is that just now the City is making a costly improvement in that neighborhood by opening

Mount Royal avenue, and, in the opinion of the Commissioners of Finance, it will be better to await its completion before offering this lot for sale.

NORTH STREET TRACKS.

By a resolution approved March 8th, 1888, the Mayor was authorized to have all the necessary drawings and specifications embracing full estimates of cost, with plans of any bridges or viaducts which may be required, of the best modes for the removal of the railroad tracks of the Northern Central Railroad Company, without obstructing by railroad crossings the lines of Read, Madison, Monument and Centre streets. Two thousand dollars was appropriated therefor. This work has been thoroughly done by the engineer appointed, and a full report made thereon, which was submitted to the last Council. The report is accompanied with all the working drawings in details. To make the improvement, including building of viaducts, widening of Centre street, widening, grading and paving of Little Franklin street, and widening, regrading and paving of Bath street, as proposed in the plans referred to, would cost about $950,000, of which the portion to be paid by the City would be about $600,000. An Act of the Legislature would be required to enable the City to make the improvement. The cost of making the surveys and preparing the plans, &c., as directed by the Council, was $1,032.37. The report is printed in the Journal of the last Council, the drawings, plans and specifications are in this office, and subject at any time to your inspection.

## ENOCH PRATT FREE LIBRARY.

This institution, for the establishment of which the City is indebted to the liberality of Mr. Enoch Pratt, has had its usefulness increased by an additional branch library erected on a lot purchased and donated by Mr. Pratt, on Broadway, near Chew street. It now consists of a main library and five branches. The circulation of books during the year was 20,002 more than in 1886, and 22,678 more than in 1887. There are now on its registration lists 37,196 names of parties entitled to draw books, being an increase of 5,500 names over 1887. The total number of volumes on the shelves of the libraries is 69,450. The fund for support of this institution has now reached $1,014,137 95. A few years, therefore, will make it entirely self-sustaining.

The expenses during the year were as follows :

| | | |
|---|---|---|
| Books | $17,273 | 42 |
| Binding | 1,512 | 57 |
| Periodicals | 1,248 | 09 |
| Expenses (miscellaneous) | 5,860 | 80 |
| Salaries | 17,735 | 97 |
| Construction (Branch No.) | 18,394 | 32 |
| | $62,025 | 17 |

The report of Mr. W. B. McAtee, the City's visitor, states that he has examined the books and accounts of the Enoch Pratt Free Library for the year 1888, and found the same correct in every particular.

## THE NEW WARDS.

An act of the Legislature, approved March 23, 1888, submitted the question of annexation to voters in what was known as the Belt. This territory was divided into three districts, the Eastern, Western and Northern. The Western and Northern voted affirmatively and June 1, 1888, became the 21st and 22d Wards of the City. The construction had been put upon the State Constitution that such a vote in the territory seeking annexation was necessary. The City had outgrown its boundaries of seventy odd years since. Those living in the Belt were in fact our own people, with interests, daily sojourn and association in the City. By not embracing within our limits this territary and population, Baltimore was losing its rank among the chief cities of the country, all of which had extended their original boundaries To induce them to come in, most liberal terms were offered, viz: their then tax rate of sixty cents on the one hundred dollars, should not be raised before 1900; "until that year there should not be for the purpose of City taxation any increase of the present assessment of such property as is now assessed; and all property in said territory which is not now assessed, but which may be within the same period liable to assessment, should be assessed at the same rate as similar property is now assessed in said territory."

The law further says: "and during the said period, up to the year 1900, the City of Baltimore shall expend within said territory an amount at least equal to the

amount of revenue derived from taxation on the basis herein set forth from said territory, in affording to the residents within said territory the rights and privileges accorded to and enjoyed by the residents within what are the present limits of said City, but nothing in this act shall be so construed as to require the expenditure by said City of any greater sum."

The County Commissioners had done little for this territory. There was no organization for improving its sanitary condition. The people of large settlements like Hampden and Woodberry were suffering in health by drinking pump water from wells polluted by surface drainage. Little discipline existed in either its fire or police department, most of its public schools were far inferior to City schools, and a charge was made for use of books to the pupils thereof. The law required that all public property belonging to the County within the annexed territory should be appraised at a fair valuation and purchased by the City, and that the City should receive from the County Treasurer one-half of the taxes collected within the annexed district for 1888. The appraised value of this property is $106,000, for payment of which provision must be made by your Honorable Body. The City's half of the taxes for 1888, will, we hope, reach $60,000. This is now being collected by the County Treasurer. When annexation was accomplished, the City government was at once extended over the annexed territory, it became part of us. The fire department was incorporated with ours, its police and fire alarm system was con-

nected with ours, its schools became absolutely free, our street cleaning and lamp lighting departments extended their systems into the new territory, its water rates became the same as ours, and our Water Board immediately began the construction of a new high service reservoir and the extension of water mains to supply it with City water. Some effort was made to repair its roads and bridges, wofully neglected heretofore. The Police Department going to the full extent of the law, appointed forty-five policemen with the necessary officers, many of them mounted.

The accounts hereinbefore submitted, show that the cost of City government in the 21st and 22d Wards since June 1, 1888, has been $132,000, whereas the receipts liberally estimated will be about $60,000. As yet we have no data upon which to properly estimate the assessed value of property in the new wards. Under the provisions of a resolution of the Mayor and City Council, surveys are now being made of the entire district, which will result in our having books containing plats of every piece of real estate therein and the name of the owner. This will enable the City to assess all property and collect the taxes thereon for 1889. The 21st and 22d Wards have now their representatives in the Council and are prepared to join in working out the destiny of this City. Some are disposed to think that extension of our limits was unnecessary and costly; I do not. While for a few years it may add slightly to our burdens, the future will vindicate the wisdom of its advocates.

## BOARD OF POLICE

The Mayor should be *ex-officio* a member of the Board of Police. The City paid in 1888 $758,622.32 for the maintenance of this force, and ought to have a direct supervision over all expenditures. Mayors Vansant, Kane, Whyte and Hodges have all earnestly made this same recommendation. All disbursements of money made by the Board should be upon itemized warrants drawn upon the Comptroller and approved by the Mayor, and all stationery should be supplied in the same manner as required by ordinance to be furnished to other departments of the municipal government.

## UNDERGROUND WIRES.

The telegraph, telephone and electric companies should put their wires underground. It must, at the same time, be remembered that underground wires are as desirable to these companies as it is to the City. To put them underground necessitates the tearing up of our streets, thereby entailing a large cost, together with great temporary inconvenience to our people. The use of our streets is a valuable franchise which should be paid by those who will thus derive benefit and profit therefrom. For this reason, I think an annual charge per lineal yard should be made for the privilege of putting down conduits for wires. No matter what requirements are exacted in the way of properly restoring the pavements, experience with gas and water pipes, teaches that a Belgian block pavement once broken is never restored to its former condition until

entirely relaid from kerb to kerb. We charge the City Passenger Railroads for their franchise, why should we give away the use of our streets to the other corporations referred to?

ICE BOAT.

An Act of the last Legislature appointed a commission consisting of the President of the Board of Trade, the President of the Corn and Flour Exchange and the Mayor of Baltimore, and directed them to build an Ice Boat to aid in keeping open the Harbor. The cost of the boat was to be one hundred and twenty thousand dollars, of which the State appropriated one-half and directed the Mayor and City Council to provide the other half. It will therefore be necessary for your Honorable Body to appropriate the sixty thousand dollars for this purpose. The boat was contracted for with the Columbia Iron Works of this City, and will be completed during the coming summer. It has been named the "Annapolis," in honor of the Capitol of the State.

CHESAPEAKE AND DELAWARE CANAL.

A strong and earnest effort should be made by our Representatives in Congress to urge upon that body the necessity for constructing the Ship Canal. I suggest the passage of a resolution authorizing the Mayor to appoint a committee of citizens to take the matter in hand and see that the wants of Baltimore are properly made known in this connection. I am sure our

trade organizations will earnestly co-operate in the movement. The value of such a committee has been heretofore shown in calling the attention of Congress to the need of a new Post Office building and in urging City extension on the last Legislature. Such action on the part of the City Council will give the force of official sanction to any efforts made in this direction.

## RAILROADS.

Baltimore has two great trunk lines connecting the City with all sections of the country, the Baltimore and Ohio and the Pennsylvania. The terminals of these roads on either side of the harbor have made Locust Point and Canton points of business operations that aid our commerce, give employment to our people and increase our revenue by adding to the taxable basis. The great works at Steelton, with the railroad connecting them with the trunk lines, and the car works at South Baltimore, establish large communities which, although outside of our direct limits, aid the business of the City by furnishing it with additional markets. The Western Maryland Railroad, in which the City is so largely directly interested, should have a terminus on tidewater. The Maryland Central has opened a fertile and wealthy country to the enterprise of our merchants. The Annapolis Short Line has given us another road and quick time to the State's capital. And now the Drum Point Railroad seems at last about to become an established fact. Liberal legislation and encouragement in connection with such

enterprises cannot fail to benefit Baltimore, especially when private individuals are willing to invest their capital without asking pecuniary aid from the City.

## FIVE MILLION LOAN.

The vote of the people at the last election authorized the issue of bonds to the extent of five millions, the proceeds of which is to be expended in public improvements. These contemplated improvements being for the benefit of posterity, it would be manifestly unjust to require the present generation to pay the entire cost of them. We are only doing for those who are to come after what those who preceded us required we should do for them. Patterson Park and Druid Hill, for which Bonds were issued in 1860, to be paid with the money now ready in the sinking fund in 1890, would never have been purchased if required at the time to be paid for from the tax levy. They have added to the pleasure and comfort of the people for the past thirty years. The same may be said of the Water Works and the City Hall. The proper mode for expending part of this money has heretofore been referred to in other portions of this message. Four hundred thouand dollars is made applicable for the payment of cost of opening Douglas street from Lexington to Aisquith. This improvement is in course of being made, the necessary ordinance having been passed and the matter being now in the hands of the Commissioners for Opening Streets. Five hundred and fifty thousand is made applicable for the widening of Fayette street, between

Calvert and Liberty, and two hundred and fifty thousand for widening that portion of east Baltimore street, east of Jones' Falls, known as the Narrows. I recommend that ordinances be passed as soon as practicable for making these improvements; it will be several years before the money will be required to be paid therefor. Four hundred thousand dollars is authorized to be expended for purchase of ground and erecting new school houses. I have hereinbefore referred to the proper mode for this expenditure and also for expending the amounts provided for sewers, bridges, improved pavements and improvement of Patterson Park.

Fifty thousand dollars is authorized to be used for the purchase of land for park purposes in Southwest Baltimore. In my last message I referred to a lot offered in this connection, belonging to the estate of the late William Williams, lying south of Wilkens avenue, binding thereon seven hundred and eighty-one feet between Pulaski and Bentalou streets, with a depth of six hundred and sixty-eight feet seven inches to the B. and O. Railroad. The tract contains eleven and a half acres. If the location is deemed desirable by your Honorable Body, I suggest its purchase and improvement, if not, the selection of some other lot in that vicinity.

One hundred and fifty thousand dollars is authorized to be expended for the purpose of building an addition to the present Court House and Record office. This is a much needed improvement and should at once

be proceeded with. Some plans in this connection have already been prepared by the Inspector of Buildings to which I beg your early consideration.

### McCULLOH STREET.

The opening of this street has been heretofore often suggested, and property owners in that section will present the matter to your consideration. The proposition is to open the street from the east side of Biddle to the west side of Eutaw street opposite, or nearly so, to Monument street. The width of the proposed opening will be sixty-six feet, and the length about eight hundred and forty feet, crossing Moore's alley, Orchard street and Saint Mary's street, and running into Little Monument street, at a point distant about one hundred and twenty-six feet from Eutaw street. The opening of this street will give a fine avenue through the entire City. It will practically be a continuation of Monument street to Boundary avenue. The cost ought to be comparatively small, because the benefits must be distributed over a large amount of property within the lines of improvement. I commend the subject to your consideration.

### FORT McHENRY.

This fort is no longer a practical protection to the City of Baltimore; it is now only a place of great historical interest. For the reason of its no further use as a fortification, New York is seeking to obtain a grant from the United States Government of Governor's

Island, to be used as a pleasure ground or park. Should Fort McHenry cease to be needed as a military post, it would be a gracious act on the part of the United States to cede it to the City for park purposes. Nothing would do more to give pleasure and healthful enjoyment not only to the rapidly growing population of Locust Point, but to the people of all sections of the City.

### REFORMATORY INSTITUTIONS.

I recommend the usual appropriations to these useful institutions. The reports of the House of Refuge, Saint Mary's Industrial School for Boys, the House of Reformation for Colored Boys, Industrial Home for Colored Girls, and Female House of Refuge, all indicate an efficient and economical management. The City is represented in the Board of Managers of each. The report of Saint Mary's Industrial School, shows that during the past year, 609 boys were in this excellent institution, of which 156 were returned to their homes, reformed and competent to earn their support. The House of Refuge has now 189 inmates and is well managed by those in charge. The House of Refuge for Colored Boys has 249 inmates, the average attendance in its school is 242 and employed on the farm and other work 246. The health of the place is excellent and the farm in good condition. In this latter institution Mr. Enoch Pratt is an active member of the Board of Managers, to whose interest and liberality it is largely indebted.

## CONCLUSION.

I recommend strict economy in all expenditures, and that the tax levy be made as early and as low as practicable.

Very respectfully,

FERDINAND C. LATROBE,

*Mayor.*

# ANNUAL REPORTS

OF THE

# REGISTER OF THE CITY

AND OF THE

## COMMISSIONERS OF FINANCE

TO THE

## *Members of the First and Second Branches*

OF THE

## *CITY COUNCIL OF BALTIMORE,*

For the Fiscal Year Ending December 31, 1888.

# REPORT OF

# JOHN A. ROBB,

## REGISTER OF THE CITY.

# REGISTER'S REPORT.

OFFICE OF THE REGISTER OF THE CITY,

BALTIMORE, January 2, 1889.

*To the Honorable the Members of the*
*First and Second Branches of the City Council:*

GENTLEMEN:

Herewith the Register presents "his account of all moneys received and expended by him during the past year;" a "statement of the estimated receipts and payments required for the coming year;" also, tables showing the funded and guaranteed debt of the city as of December 31, 1888, the productive and interest-bearing securities of the city, the unproductive securities, the condition of the sinking fund under his charge for the redemption of the Five Million Loan to the Baltimore and Ohio Railroad Company, and the monthly returns of the "keepers of the standards of weights and measures," the latter required by Ordinance No. 9, of 1881.

| | |
|---|---|
| The receipts into the treasury from all sources for the fiscal year closing December 31, 1888, as shown in Tables D and E are | $9,163,361 83 |
| Cash balance December 31, 1887 | 300,124 88 |
| Total of cash | $9,463,486 71 |

| | |
|---|---|
| Which is accounted for by disbursements shown in the same table, aggregating .. | $9,169,530 71 |
| Leaving a cash balance in the bank of. .. | 293,956 00 |
| | $9,463,486 71 |

The following usual statement, made up from Table D, separates the actual receipts of and payments for the expenses of the city from those items which are merely receipts and disbursements:

RECEIPTS—INCOME OF THE CITY FROM TAXES, INVESTMENTS, ETC.

| | | | |
|---|---|---|---|
| From | City Collector, levy of 1888..... | $3,614,046 64 | |
| " | City Collector, levies of previous years. | 1,011,989 02 | |
| | | | $4,626,035 66 |
| " | public schools, tuition fees, and J. F. Plummer..... | | 6,234 39 |
| " | market houses, rent of stalls and halls..... | | 56,882 07 |
| " | wharfage and rent of wharves... | | 33,595 71 |
| " | general licenses..... | | 46,404 70 |
| " | auction duties..... | | 8,369 06 |
| " | Magistrates' fines, Jail, and removed cases..... | | 10,667 68 |
| " | Health and Street Departments.. | | 5,923 83 |
| " | permits for signs, sheds, etc..... | | 6,528 49 |
| " | Inspector of gas-meters..... | | 2,748 50 |
| " | City Commissioner's Department. | | 4,390 85 |
| " | Bayview, Mount Hope, and Spring Grove Asylums..... | | 8,502 43 |
| | Amount carried forward..... | | $4,816,283 37 |

| | |
|---|---|
| Amount brought forward..... | $4,816,283 37 |
| From Fire Department..... | 406 93 |
| " turnpike dividends..... | 509 65 |
| " sale of city property..... | 606 50 |
| " aggregate of sundry small items.. | 1,584 83 |
| | $4,819,391 28 |

RECEIPTS—NOT INCOME.

| | |
|---|---|
| From Baltimore and Ohio Railroad Company and Five Million Loan Sinking Fund, to pay interest on Five Million Loan..... | 300,000 00 |
| " State of Maryland for public schools..... | 159,592 16 |
| " Park Board, to pay interest on Park stock and Patterson Park Loan..... | 41,333 96 |
| " Water Board, to pay interest on Water Loans..... | 480,630 00 |
| " Western Maryland Railroad Company, to pay interest on 3½ and 4 per cent. Loans..... | 82,740 00 |
| " Water Board..... | 800,583 36 |
| " city passenger railway companies, for Park Sinking Fund..... | 19,160 46 |
| " sales of Jones' Falls Stock, 3½ per cent..... | 160,000 00 |
| " sales of stock for completion of Harford Run sewer..... | 107,727 25 |
| " city passenger railway companies, for Park Board..... | 117,976 01 |
| Amount carried forward..... | $7,089,134 48 |

| | |
|---|---|
| Amount brought forward..... | $7,089,134 48 |
| From unclaimed damages for opening streets ..... | 9,396 22 |
| " tax sales..... | 2,177 09 |
| " sales of Water 4 per cent. Loan 1926..... ..... | 429,917 05 |
| " temporary loans..... | 1,365,000 00 |
| " Park Board sales of stock, etc.... | 3,576 48 |
| " Park Board temporary loan..... | 10,000 00 |
| " State tax on city loans collected for State of Maryland..... | 22,330 64 |
| " sales of materials, opening streets | 11,433 88 |
| " City Collector, opening streets... | 151,434 97 |
| " City Collector, paving streets.... | 64,011 52 |
| " City Collector, new numbers..... | 4,949 50 |
| Total receipts..... | $9,163,361 83 |

DISBURSEMENTS—Expenses of City Government.

| | |
|---|---|
| Interest on the public debt.... ..... | $954,064 70 |
| Expenses of the law courts..... | 113,696 95 |
| Registration..... | 60,115 64 |
| City Jail..... | 53,908 44 |
| Magistrates, judgments and suits, fines, coroners, and removed cases..... | 27,161 00 |
| Public schools, less amount paid by State of Maryland..... | 597,902 22 |
| Expense of city poor..... | 233,917 18 |
| Harbor Commission..... | 77,954 77 |
| Police Department..... | 721,167 89 |
| Health Department..... | 78,816 03 |
| Amount carried forward..... ..... | $2,918,704 82 |

| | |
|---|---|
| Amount brought forward..... | $2,918,704 82 |
| Department of Street Cleaning..... | 265,384 84 |
| Fire Department..... | 269,481 04 |
| Department Inspector of Buildings..... | 133,163 44 |
| " City Commissioner..... | 221,974 66 |
| Expenses of parks and squares, exclusive of Druid Hill and Patterson Parks..... | 53,250 55 |
| General Superintendent of Lamps, Gas and Electric Lights..... | 250,023 11 |
| City Council—salary of members and officers, and expenses..... | 54,922 66 |
| General expense..... | 1,148 42 |
| Masonic Hall, care of..... | 3,451 79 |
| Court-house and grounds, care of..... | 6,534 53 |
| Expenses of markets and market halls. | 4,766 15 |
| Harbor masters' commissions for collecting wharfage..... | 8,452 31 |
| Salaries..... | 72,607 09 |
| City Library—supplies for departments. | 7,991 89 |
| Public printing..... | 2,799 53 |
| Discount on taxes and temporary loans. | 135,081 80 |
| Heating and general care of City Hall.. | 21,646 95 |
| Mayoralty, contingent fund..... | 2,176 86 |
| Lamplighters' salaries..... | 46,514 00 |
| Special appropriations..... | 2,766 55 |
| Ground rents on city property..... | 3,697 84 |
| City Collector and Appeal Tax Court—salaries and expenses..... | 52,199 48 |
| Election expenses..... | 9,243 15 |
| Dog pound..... | 1,148 00 |
| Amount carried forward..... | $4,549,131 46 |

| | |
|---|---|
| Amount brought forward..... | $4,549,131 46 |
| Supervisors of Elections.. ..... | 3,972 89 |
| Maryland Institute School of Design... | 6,000 00 |
| Fire-plugs and fountains..... | 5,000 00 |
| General licenses..... | 1,352 50 |
| Refunded taxes..... | 3,502 35 |
| Enoch Pratt Free Library..... | 50,000 00 |
| Release of mortgage No. 6 Engine House. | 6,180 00 |
| Music at the parks..... | 3,000 00 |
| Ice-boat *Maryland*..... | 10,000 00 |
| Extension of city limits..... | 9,707 96 |
| Insurance of Bayview Asylum..... | 1,305 00 |
| Repairing records of Circuit Court..... | 2,000 00 |
| Survey for removal of railroad tracks in North street..... | 1,032 37 |
| Baltimore Light Infantry, improvement of armory..... | 1,000 00 |
| Lots for colored school and Manual Training School..... | 14,800 00 |
| City's proportion for opening and closing streets..... | 300,683 92 |
| State tax on city loans..... | 15,996 10 |
| Aggregate of small items..... | 1,570 66 |
| | $4,986,235 21 |
| City annex expenses of Twenty-first and Twenty-second Wards..... | 132,338 32 |
| | $5,118,573 53 |

| | |
|---|---|
| Amount brought forward..... | $5,118,573 53 |

DISBURSEMENTS—NOT EXPENSES.

| | | |
|---|---|---|
| Interest on Five Million Loan for Baltimore and Ohio Railroad Company.... | $ 300,000 | 00 |
| Interest on Water Loans for Water Board. | 480,630 | 00 |
| Interest on Park Loans for Park Board. | 41,333 | 96 |
| Interest on Western Maryland Railroad Loans for Western Maryland Railroad Company..... | 82,740 | 00 |
| Public schools from State of Maryland. | 159,592 | 16 |
| Opening and closing streets..... | 141,026 | 83 |
| Park Sinking Fund..... | 19,160 | 46 |
| Improvement of Jones' Falls..... | 124,484 | 95 |
| Improvement of Harford Run..... | 65,969 | 98 |
| Paving Loan of 1920..... | 1,434 | 03 |
| Park Board—Druid Hill and Patterson Parks..... | 128,766 | 26 |
| Unclaimed damages for opening streets. | 9,397 | 72 |
| Water Board..... | 832,387 | 02 |
| Water Loan of 1926..... | 384,801 | 14 |
| Temporary loans..... | 1,165,000 | 00 |
| Paving streets and alleys..... | 91,902 | 03 |
| Tax on city stock collected for State of Maryland..... | 22,330 | 64 |
| | $9,169,530 | 71 |

ESTIMATES FOR THE CURRENT YEAR.

| | |
|---|---|
| As set forth in Statement B, in detail, the requirements for the current year of twenty wards of the city are..... | $5,351,295 82 |
| For the city annex, being the Twenty-first and Twenty-second Wards, the estimates aggregate..... | 409,089 56 |
| Amount carried forward..... | $5,760,385 38 |

| | |
|---|---|
| Amount brought forward..... | $5,760,385 38 |
| While the receipts from taxes in arrear and other specified sources, as per Table D, amount to the sum of..... | 1,621,629 55 |
| Leaving the amount to be levied for... | $4,138,755 83 |
| The estimates of this Department for the year 1887 were..... | 3,653,370 53 |
| Increase..... | $ 485,385 30 |

FUNDED AND GUARANTEED DEBT.

| | | |
|---|---|---|
| The funded and guaranteed debt of the city, as per Statement A, as of December 31, 1888, is..... | $37,030,516 15 | |
| December 31, 1887, it was.. | 36,369,176 15 | |
| Increase during the year... | $ 661,340 00 | |
| And is thus accounted for: | | |
| By an issue of 4 per cent. Water Stock, due at pleasure after November 1, 1926, by authority of Ordinance No. 82, of 1886, amounting to..... | | $400,000 00 |
| This stock was sold after due advertisement, and realized a premium of $29,765, which was paid to the Commissioners of Finance. | | |
| By an issue of Jones' Falls 3½ per cent. Stock of 1900 at par to the Commissioners of Finance, authorized by Ordinance No. 21, of 1888, for..... | | 160,000 00 |
| Amount carried forward..... | | $560,000 00 |

| | | |
|---|---|---|
| Amount brought forward | | $560,000 00 |
| And an issue of stock for the "completion of Harford Run sewer," authorized by Ordinance No. 115, of 1884, and completing the issue of this stock | | 103,300 00 |
| Premium, $4,427.25. | | |
| | | $663,300 00 |
| Less | | |
| Water, 1875, 6 per cent. stock redeemed | $900 00 | |
| Consolidated, 1885, 5 per cent. stock redeemed | 200 00 | |
| One Million Loan, 1886, 6 per cent | 200 00 | |
| Valley Railroad Loan, 1886, 6 per cent | 300 00 | |
| Western Maryland Railroad bonds | 360 00 | |
| | | $1,960 00 |
| Net increase of funded and guaranteed debt as above | | $661,340 00 |

FIVE MILLION LOAN SINKING FUND.

The value of this sinking fund is $2,400,800. The increment for the year, amounting to $134,663.50, was applied to the payment of interest on the Five Million Loan, as directed in Ordinance No. 63, of 1881.

I respectfully refer you to the report of the Commissioners of Finance for the condition of the various sinking funds under their charge and belonging to the city, and also to the accompanying tables.

Table A is a statement of the public debt of the city.

Table B is an estimate of reqmirements for the current fiscal year.

Table C is an estimate of receipts for the current fiscal year.

Table D is a detailed statement of the receipts and disbursements, and showing the appropriations for the various accounts.

Table E shows the aggregate monthly receipts and disbursements.

Table F shows the condition of the Five Million Loan Sinking Fund.

Table G shows the monthly returns from the "keepers of the standards of weights and measures."

Respectfully submitted,

JOHN A. ROBB,

*Register of the City.*

## STATEMENT A.

Statement of the Funded Debt, December 31, 1888.

| LOAN. | RATE. | WHEN REDEEMABLE. | AMOUNT. |
|---|---|---|---|
| Consolidated | 6 per cent. | At pleasure after July 1, 1890 | $7,306,546 22 |
| Public Park | 6 " | " " Sept. 1, 1890 | 555,566 25 |
| Exempt | 6 " | " " Sept. 1, 1893 | 410,353 87 |
| Water | 6 " | " " July 1, 1894 | 263,000 00 |
| " | 5 " | " " July 1, 1894 | 3,737,000 00 |
| " | 5 " | " " July 1, 1916 | 5,000,000 00 |
| " | 4 " | " " Nov. 1, 1922 | 500,000 00 |
| " | 4 " | " " Nov. 1, 1926 | 400,000 00 |
| Funding | 6 " | " " July 1, 1900 | 800,000 00 |
| " | 5 " | " " July 1, 1916 | 1,000,000 00 |
| Harford Run Improvement | 4 " | " " Jan. 1, 1920 | 250,000 00 |
| Paving | 4 " | " " Nov. 1, 1920 | 500,000 00 |
| Five Million | 6 " | January 1, 1890 | 5,000,000 00 |
| Consolidated | 6 " | September 1, 1893 | 2,211,068 05 |
| Park Improvem't | 6 " | January 1, 1895 | 185,723 80 |
| Jones' Falls | 6 " | April 9, 1900 | 800,000 00 |
| " | 5 " | " 9, 1900 | 957,000 00 |
| " | 3.65 " | " 9, 1900 | 455,000 00 |
| " | 3½ " | " 9, 1900 | 160,000 00 |
| " | 3 " | " 9, 1900 | 100,000 00 |
| City Hall | 6 " | " 15, 1900 | 1,000,000 00 |
| " | 6 " | March 7, 1902 | 500,000 00 |
| W. Md. Railroad | 6 " | January 1, 1902 | 1,000,000 00 |
| " " | 4 " | July 1, 1925 | 684,000 00 |
| " " | 3¼ " | January 1, 1927 | 1,704,000 00 |
| Harford Run Sewer | 4 " | November 3, 1904 | 350,000 00 |
| Patterson Park | 4 " | October 1, 1920 | 200,000 00 |
| Overdue Stock | 6 " | No interest allowed | 732 00 |
| Water, 1875 | 6 " | " " | 940 00 |
| Consolidt'd, 1885 | 5 " | " " | 2,525 46 |
| One Million, 1886 | 6 " | " " | 2,130 50 |
| W. Md. Railroad Bonds | 6 " | " " | 2,930 00 |
| Total funded debt | | | $36,038,516 15 |

GUARANTEED DEBT:

| | | |
|---|---|---|
| Endorsement of W. Md. R. R. 3d Mortgage Bonds | $875,000 | |
| Endorsement of Union R. R. 1st Mortgage Bonds | 117,000 | |
| | | 992,000 00 |
| Total funded and guaranteed debt | | $37,030,516 15 |

| | | |
|---|---|---|
| Amount brought forward | | $37,030,516 15 |
| *From which deduct—* | | |
| Water Loans of 1894, 1916, 1922, and 1926, the interest on which is paid by revenue from water rents | $9,900,000 00 | |
| Park Loans—interest paid by the passenger railway companies | 755,566 25 | |
| Western Maryland Railroad 4 per cent. 1925, and 3¼ per cent. 1927 Loans, interest paid by Western Maryland Railroad Company | 2,388,000 00 | |
| Baltimore and Ohio Railroad Company on | 5,000,000 00 | |
| Union Railroad Company on | 117,000 00 | |
| Commissioners of Finance, on Western Maryland Railroad 1902 Loan | 1,000,000 00 | |
| Commissioners of Finance, on Western Maryland 3d Mortgage Bonds | 875,000 00 | |
| Overdue Stock, no interest allowed | 6,327 96 | |
| Overdue Western Maryland Railroad Bonds, no interest allowed | 2,930 00 | |
| | | 20,044,824 21 |
| Leaving the amount on which interest is paid by taxation | | $16,985,691 94 |

| | | | |
|---|---|---|---|
| Viz.: | $13,213,691 94 | interest, at | 6 per cent. |
| | 1,957,000 00 | " | 5 " |
| | 1,100,000 00 | " | 4 " |
| | 455,000 00 | " | 3.65 " |
| | 160,000 00 | " | 3½ " |
| | 100,000 00 | " | 3 " |
| | $16,985,691 94 | | |

## ASSETS OF THE CITY.

*Productive.*

| | | |
|---|---|---|
| Mortgage on Baltimore and Ohio Railroad Company | $5,000,000 00 | |
| Mortgage on Union Railroad Company | 117,000 00 | |
| Mortgage on Western Maryland Railroad Company | 1,704,000 00 | |
| Value of sinking funds | 6,293,954 52 | |
| 550 shares Baltimore and Reisterstown Turnpike Stock | 2,062 50 | |
| 137 shares Baltimore and Frederick Turnpike Stock | 456 66 | |
| 625 shares Baltimore and Yorktown Turnpike Stock | 3,125 00 | |
| Real estate, annual rental | $10,225 11 | |
| Wharf property, annual rental | 38,000 00 | |
| Market-houses, annual rental | 50,000 00 | |
| | $98,225 11 | |
| Capitalized @ 6 per cent | 1,637,085 16 | |
| | | $14,757,683 84 |

*Unproductive.*

| | | | |
|---|---|---|---|
| Accrued interest to January 1, 1887, on Western Maryland Railroad 2d Mortgage Guaranteed Bonds | | $ 333,000 00 | |
| Third Mortgage on Western Maryland Railroad Co | $875,000 00 | | |
| Accrued interest to date | 945,000 00 | | |
| | | 1,820,000 00 | |
| Fourth Mortgage on Western Maryland Railroad Co | $1,000,000 00 | | |
| Accrued interest to date | 990,000 00 | | |
| | | 1,990,000 00 | |
| 32,500 shares Baltimore and Ohio Railroad Company, par | | 3,250,000 00 | |
| 10,000 shares Valley Railroad of Virginia Stock | | 1,000,000 00 | |
| 83,000 Philadelphia and Reading Railroad 3d Mortgage Preference Income Bonds, and $600 scrip taken in exchange for 7,600 shares Baltimore and Susquehanna Canal Stock | | 83,600 00 | |
| 4,000 shares Western Maryland Railroad Stock | | 200,000 00 | |
| 130 shares Baltimore and Havre de Grace Turnpike Stock | | | |
| *Besides other property, such as—* | | | |
| Court-houses, Record Office, City Hall, Jail, police stations, fire engine houses and apparatus, school houses, almshouse, ice-boats, quarantine station, public parks, squares, etc., valued at | | 10,000,000 00 | |
| | | | $18,676,600 00 |

## STATEMENT B.

The following statement exhibits the present liabilities and the estimated requirements of the city, to be provided for in the levy for the year 1889:

EXISTING CLAIMS.

| | | |
|---|---|---|
| Balance due Water Board | $ 24,557 78 | |
| " " Park Board | 2,818 84 | |
| " " Jones' Falls improvement account | 69,657 89 | |
| " " completion of Harford Run sewer account | 52,426 79 | |
| " " Water 4 per cent. Loan | 45,115 91 | |
| Temporary loans from banks | 915,000 00 | |
| Paving certificates maturing during the current year | 6,891 12 | |
| | | $1,116,468 33 |
| Amount due for taxes in city annex for 1888, estimated | 60,000 00 | |
| Cash balance in bank December 31 | 293,956 00 | |
| Amount due for Bolton property | 415,000 00 | |
| | | $768,956 00 |
| | | $347,512 33 |
| Taxes due and uncollected for the year 1888 and previous year | $1,660,656 20 | |
| Amount carried forward | | $347,512 33 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amount brought forward..... | | $347,512 33 |

*Estimated Requirements for the Fiscal Year ending December* 31, 1889:

DEPARTMENT OF HEALTH.

| | | |
|---|---|---|
| General health account.... | $ 15,000 00 | |
| Salaries ..... | 32,300 00 | |
| Nuisances and sewers..... | 15,000 00 | |
| Quarantine Hospital..... | 20,000 00 | |
| Post mortems, by ordinance | 1,000 00 | |
| | | $83,300 00 |

DEPARTMENT OF PUBLIC SCHOOLS.

| | | |
|---|---|---|
| Salaries..... | 630,000 00 | |
| Rents and ground rents.... | 38,500 00 | |
| Books and stationery..... | 45,000 00 | |
| Heating apparatus and its repairs..... | 10,000 00 | |
| Furniture..... | 13,000 00 | |
| Fuel..... | 22,000 00 | |
| Repairs and cleaning..... | 9,000 00 | |
| Incidentals ..... | 10,000 00 | |
| Manual Training School.... | 25,000 00 | |
| | | $802,500 00 |

DEPARTMENT INSPECTOR OF BUILDINGS.

| | | |
|---|---|---|
| Repairs of engine houses.... | $ 7,000 00 | |
| " of City Jail..... | 3,000 00 | |
| Amounts carried forward. | $10,000 00 | $1,233,312 33 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $10,000 00 | $1,233,312 33 |
| Repairs of City Hall..... | 5,000 00 | |
| " of market-houses.. | 3,500 00 | |
| " of court-houses.... | 3,000 00 | |
| " of dog pound and other property.. | 500 00 | |
| " of public school-houses..... | 10,000 00 | |
| Painting public school houses..... | 5,000 00 | |
| Sanitary improvements, public school houses..... | 3,000 00 | |
| Substituting wood for plaster ceilings of school-houses. | 3,000 00 | |
| Empting cess-pools of school houses ..... | 1,500 00 | |
| Incidental expenses..... | 100 00 | |
| Livery for two horses and repairs to wagons..... | 600 00 | |
| Salaries ..... | 5,500 00 | |
| Completion of No. 2 Grammar School-house..... | 15,000 00 | |
| Completion of No. 9 Colored Primary School-house... | 15,140 00 | |
| Rebuilding dangerous wall and new floor at No. 10, and changing stalls at No. 3 Engine Houses..... | 2,300 00 | |
| Amounts carried forward. | $83,140 00 | $1,233,312 33 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $83,140 00 | $1,233,312 33 |
| Extra outdoor help during busy season..... | 500 00 | |
| | | $83,640 00 |

POLICE DEPARTMENT.

| | |
|---|---|
| Salaries of officers and men and expenses..... | $726,431 68 |

ENOCH PRATT FREE LIBRARY.

| | |
|---|---|
| Required by Ordinance No. 64, of 1883..... | $50,000 00 |

FIRE DEPARTMENT.

| | | |
|---|---|---|
| Salaries ..... | $153,700 00 | |
| Apparatus..... | 20,750 00 | |
| " repairs..... | 6,000 00 | |
| Accidents ..... | 5,000 00 | |
| Feed for horses..... | 10,000 00 | |
| Fuel..... | 3,000 00 | |
| Furniture..... | 1,500 00 | |
| Harness..... | 800 00 | |
| Horse shoeing..... | 2,000 00 | |
| Hose and sucking sleeves.. | 10,000 00 | |
| Horses..... | 6,000 00 | |
| Ground rents..... | 804 25 | |
| Gas..... | 1,200 00 | |
| Amounts carried forward. | $220,754 25 | $2,093,384 01 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $220,754 25 | $2,093,384 01 |
| Oil, grease, etc | 1,500 00 | |
| Office expenses, including printing report and messenger's salary | 1,200 00 | |
| Rent of telephones | 700 00 | |
| Miscellaneous | 1,000 00 | |
| Washing | 1,500 00 | |
| Life insurance | 3,360 00 | |
| Sick account | 600 00 | |
| Pensions to firemen | 3,200 00 | |
| Police and fire alarm telegraph | 22,500 00 | |
| | | $256,314 25 |

DEPARTMENT GENERAL SUPERINTENDENT OF LAMPS.

| | | |
|---|---|---|
| Gas and electric light | $269,420 00 | |
| Lamp pillars and lamps | 18,579 00 | |
| Livery of horse for superintendent | 300 00 | |
| | | $288,299 00 |

DEPARTMENT STREET CLEANING.

| | | |
|---|---|---|
| 135 garbage carts and men at $18 per week | $126,360 00 | |
| 56 street carts and men at $18 per week | 52,416 00 | |
| 125 sweepers and scrapers at $10 per week | 65,000 00 | |
| Amounts carried forward. | $243,776 00 | $2,637,997 26 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $243,776 00 | $2,637,997 26 |
| Contract for removal of garbage | 8,000 00 | |
| Contract for removal of pea hulls, etc. | 7,500 00 | |
| Salaries | 9,000 00 | |
| Dumps | 4,500 00 | |
| Tools and incidentals | 1,850 00 | |
| Removal of snow | 5,000 00 | |
| | | $279,626 00 |

HARBOR BOARD.

| | | |
|---|---|---|
| Harbor, including Middle Branch | $50,000 00 | |
| Ice-boat *Latrobe*, repairs and maintenance | 12,000 00 | |
| Repairs of wharves | 4,000 00 | |
| New wall in City Dock, balance. $1,355 86 | | |
| New wall in City Dock, new appropriation .... 8,644 14 | | |
| | 10,000 00 | |
| Bulkhead at Little Hawkins' Point, for completion of work | 3,000 00 | |
| Sea wall at old Marine Hospital, for commencement of work | 10,000 00 | |
| | | $89,000 00 |
| Amount carried forward.. | | $3,006,623 26 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amount brought forward.. | | $3,006,623 26 |
| CITY POOR. | | |
| Maintenance of Bayview and insane department... | $90,000 00 | |
| Transportation of poor.... | 1,000 00 | |
| Homœpathic Free Dispensary..... | 700 00 | |
| Northeastern Free Dispensary..... | 900 00 | |
| Eastern Free Dispensary... | 900 00 | |
| Southern Free Dispensary.. | 900 00 | |
| Baltimore General Free Dispensary..... | 600 00 | |
| Baltimore Medical College Free Dispensary..... | 1,000 00 | |
| Northwestern Free Dispensary..... | 400 00 | |
| College of Physicians and Surgeons Dispensary..... | 800 00 | |
| Woman's and Child's Dispensary..... | 500 00 | |
| Baltimore University Dispensary..... | 1,000 00 | |
| University of Maryland Dispensary..... | 800 00 | |
| Polyclinic Dispensary..... | 500 00 | |
| Woman's Medical College Dispensary..... | 400 00 | |
| Amounts carried forward. | $100,400 00 | $3,006,623 26 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $100,400 00 | $3,006,623 26 |
| College of Dental Surgery Dispensary | 400 00 | |
| St. Mary's Industrial School. | 20,000 00 | |
| Mount Hope Retreat | 39,000 00 | |
| Maryland Hospital for the Insane | 15,000 00 | |
| House of Refuge | 20,000 00 | |
| House of Reformation for Colored Children | 10,000 00 | |
| Washington University | 6,750 00 | |
| University of Maryland | 6,750 00 | |
| St. Vincent's Infant Asylum | 5,000 00 | |
| Nursery and Child's Hospital | 3,000 00 | |
| St. Elizabeth's Colored Orphan Asylum | 2,000 00 | |
| Home of the Friendless | 2,100 00 | |
| Industrial Home for Colored Girls | 1,500 00 | |
| Female House of Refuge | 3,000 00 | |
| Hospital of the Good Samaritan | 600 00 | |
| Deaf and dumb at Frederick | 500 00 | |
| Shelter for the aged colored poor | 500 00 | |
| Boys' Home Society | 3,000 00 | |
| St. Mary's Home for Colored Children | 500 00 | |
| Amounts carried forward. | $240,000 00 | $3,006,623 26 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $240,000 00 | $3,006,623 26 |
| St. Mary's Female Orphan Asylum | 3,500 00 | |
| Baltimore Manual Labor School | 1,000 00 | |
| Widows and orphans, war 1812 | 100 00 | |
| Baltimore University Hospital | 2,535 00 | |
| Maryland General Hospital. | 2,535 00 | |
| | | $249,670 00 |

GENERAL EXPENDITURES.

| | | |
|---|---|---|
| City Council | $58,000 00 | |
| General expense | 1,500 00 | |
| Masonic Hall | 3,693 65 | |
| Circuit Court Room No. 2 | 780 00 | |
| Court-house | 6,485 00 | |
| Madison Square | 1,500 00 | |
| Eastern Fountain | 1,200 00 | |
| Franklin Square | 1,500 00 | |
| Union Square | 1,500 00 | |
| Perkins' Spring Square, ground rent | 2,052 00 | |
| Perkins' Spring Square | 1,200 00 | |
| Park Place Square | 500 00 | |
| Lafayette Square | 1,500 00 | |
| Jackson Square | 1,000 00 | |
| Amounts carried forward. | $82,410 65 | $3,256,293 26 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $82,410 65 | $3,256,293 26 |
| Mount Vernon Squares.... | 1,000 00 | |
| Broadway Square, first division..... | 1,200 00 | |
| Broadway Square, second division ..... | 1,200 00 | |
| Eutaw Square, first division..... | 1,200 00 | |
| Eutaw Square, second division..... | 1,200 00 | |
| Ashland Square..... | 150 00 | |
| Baker Circle..... | 300 00 | |
| Taney Place Square..... | 300 00 | |
| Johnson Square (under supervision of Park Board). | 1,600 00 | |
| Mount Royal Avenue Square | 1,000 00 | |
| Frick's Triangle (under supervision of Park Board). | 250 00 | |
| Collington Square (under supervision of Park Board). | 3,000 00 | |
| Riverside Park (under supervision of Park Board). | 4,400 00 | |
| Riverside Park, ground rent | 3,770 62 | |
| Federal Hill Square (under supervision of Park Board)..... | 3,000 00 | |
| Salaries ..... | 73,600 00 | |
| City Library..... | 8,000 00 | |
| Public printing ..... | 2,000 00 | |
| Amounts carried forward. | $189,581 27 | $3,256,293 26 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $189,581 27 | $3,256,293 26 |
| Discount on taxes and interest on loans | 159,750 00 | |
| Superintendent of City Hall | 19,965 00 | |
| Mayoralty | 3,000 00 | |
| Lamplighters | 46,514 00 | |
| Transportation to House of Correction | 400 00 | |
| City property, ground rents | 4,200 00 | |
| Appeal Tax Court | 300 00 | |
| City Collector—salaries, etc. | 53,100 00 | |
| Commissioners for Opening Streets | 200 00 | |
| Elections | 10,000 00 | |
| Dog pound | 1,200 00 | |
| Supervisors of Elections | 6,000 00 | |
| Maryland Institute | 6,000 00 | |
| Winding Maryland Institute clock | 75 00 | |
| Ringing mechanics' bells | 200 00 | |
| Fire-plugs and fountains | 5,000 00 | |
| General licenses | 1,500 00 | |
| New ice-boat *Annapolis* | 60,000 00 | |
| Ice-boat *Maryland* | 10,000 00 | |
| Assistance to Examiner of Titles | 1,000 00 | |
| State tax on city loans | 18,000 00 | |
| Insurance of Bayview Asylum | 1,305 00 | |
| | | $597,290 27 |
| Amount carried forward | | $3,853,583 53 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amount brought forward. | | $3,853,583 53 |

DEPARTMENT CITY COMMISSIONER.

| | | |
|---|---|---|
| Repairs of sewers and inlets. | $10,000 00 | |
| " of bridges | 6,000 00 | |
| " of paved streets | 85,000 00 | |
| " of unpaved streets | 1,500 00 | |
| Flag and stepping-stones | 10,000 00 | |
| Paving and repaving in front of city property | 1,000 00 | |
| Paving and repaving cross streets | 10,000 00 | |
| Salaries | 9,000 00 | |
| Livery | 1,000 00 | |
| Incidentals | 100 00 | |
| Light street bridge | 5,000 00 | |
| Maintenance of floor on Calvert street bridge | 536 05 | |
| Maintenance of floor on St. Paul street bridge | 946 27 | |
| To complete sewer in Fulton avenue | 23,000 00 | |
| | | $163,082 32 |

INTEREST ON STOCK DEBT.

| | | |
|---|---|---|
| One year's interest on Consolidated 6 per cent. 1890 stock | $438,392 76 | |
| Amounts carried forward. | $438,392 76 | $4,016,665 85 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $438,392 76 | $4,016,665 85 |
| One year's interest on Public Park 6 per cent. 1890 stock | 33,333 96 | |
| One year's interest on Exempt 6 per cent. 1893 stock | 24,621 24 | |
| One year's interest on Water 6 per cent. 1894 stock | 15,780 00 | |
| One year's interest on Water 5 per cent. 1894 stock | 186,850 00 | |
| One year's interest on Water 5 per cent. 1916 stock | 250,000 00 | |
| One year's interest on Water 4 per cent. 1922 stock | 20,000 00 | |
| One year's interest on Water 4 per cent. 1926 stock | 28,000 00 | |
| One year's interest on Funding 6 per cent. 1900 stock. | 48,000 00 | |
| One year's interest on Funding 5 per cent. 1916 stock. | 50,000 00 | |
| One year's interest on Harford Run Improvement 4 per cent. 1920 stock | 10,000 00 | |
| One year's interest on Paving 4 per cent. 1920 stock. | 20,000 00 | |
| One year's interest on Five Million 6 per cent. 1890 stock | 300,000 00 | |
| Amts. carried forward. | $1,424,977 96 | $4,016,665 85 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amts. brought forward. | $1,424,977 96 | $4,016,665 85 |
| One year's interest on Consolidated 6 per cent. 1893 stock | 132,664 08 | |
| One year's interest on Park Improvement 6 per cent. 1895 stock | 11,143 38 | |
| One year's interest on City Hall 6 per cent. 1900 stock | 60,000 00 | |
| One year's interest on City Hall 6 per cent. 1902 stock | 30,000 00 | |
| One year's interest on Jones' Falls 6 per cent. 1900 stock | 48,000 00 | |
| One year's interest on Jones' Falls 5 per cent. 1900 stock | 47,850 00 | |
| One year's interest on Jones' Falls 3.65 per cent. 1900 stock | 16,607 50 | |
| One year's interest on Jones' Falls 3½ per cent. 1900 stock | 5,600 00 | |
| One year's interest on Jones' Falls 3 per cent. 1900 stock | 3,000 00 | |
| Amts. carried forward.. | $1,779,842 92 | $4,016,665 85 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amts. brought forward. | $1,779,842 92 | $4,016,665 85 |
| One year's interest on Western Maryland Railroad 6 per cent. 1902 stock... | 60,000 00 | |
| One year's interest on Western Maryland Railroad 4 per cent. 1925 stock... | 27,360 00 | |
| One year's interest on Western Maryland Railroad 3½ per cent. 1927 stock... | 55,380 00 | |
| One year's interest on Patterson Park Extension 4 per cent. 1920 stock..... | 8,000 00 | |
| One year's interest on Harford Run Sewer 4 per cent. 1904 stock..... | 14,000 00 | |
| One year's interest on Western Maryland Railroad Third Mortgage..... | 52,500 00 | |
| | $1,997,082 92 | |
| Amts. carried forward.. | $1,997,082 92 | $4,016,665 85 |

STATEMENT B—Continued.

| | | | |
|---|---|---|---|
| Amts. brought forward.. | | $1,997,082 92 | $4,016,665 85 |
| Less | | | |
| Interest paid by B. & O. R. R. Co. on Five Million Loan..... | $300,000 00 | | |
| Interest paid by Commissioners of Finance..... | 112,500 00 | | |
| Interest paid by Water Board..... | 500,630 00 | | |
| Interest paid by city passenger railway companies..... | 41,333 96 | | |
| Interest paid by Western Maryland R. R. Co..... | 82,740 00 | | |
| | | $1,037,203 96 | |
| | | | $959,878 96 |

CERTAIN EXPENSES.

| | | | |
|---|---|---|---|
| Criminal Court..... | | $60,000 00 | |
| Baltimore City Court..... | | 13,000 00 | |
| Amounts carried forward. | | $73,000 00 | $4,976,544 81 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $73,000 00 | $4,976,544 81 |
| Court of Common Pleas... | 14,000 00 | |
| Superior Court..... | 14,000 00 | |
| Orphans' Court..... | 7,500 00 | |
| Circuit Court..... | 2,900 00 | |
| Circuit Court No. 2..... | 2,900 00 | |
| Supreme Bench..... | 3,075 00 | |
| Coroners..... | 2,400 00 | |
| Judgments and suits..... | 2,000 00 | |
| Baltimore City Jail..... | 55,000 00 | |
| Magistrates..... | 17,000 00 | |
| Removed cases..... | 7,000 00 | |
| Registration of voters..... | 60,000 00 | |
| | | $260,775 00 |

OPENING AND WIDENING STREETS.

| | | |
|---|---|---|
| Stockholm street, balance.. | $ 2,045 00 | |
| Cannon street, balance..... | 3,463 98 | |
| Donaldson street, balance.. | 26 34 | |
| Calhoun street, balance.... | 2,414 45 | |
| Dallas street, balance..... | 310 83 | |
| Patterson Park avenue, balance..... | 26,355 32 | |
| John, now Preston street, balance ..... | 2,201 00 | |
| Covington street, balance.. | 1,456 02 | |
| Race street, balance..... | 554 62 | |
| Patapsco street, balance.... | 819 15 | |
| Clements street..... .... | 821 25 | |
| Amounts carried forward. | $40,467 96 | $5,237,319 81 |

STATEMENT B—Continued.

| | | |
|---|---|---|
| Amounts brought forward. | $40,467 96 | $5,237,319 81 |
| Harlem avenue..... | 4,832 74 | |
| Collington avenue..... | 17,203 41 | |
| Exeter street..... | 9,594 01 | |
| Beverlin street..... | 4,797 44 | |
| Federal street..... | 18,337 65 | |
| Mount street..... | 4,148 29 | |
| Andre street..... | 5,220 32 | |
| Towson street..... | 7,803 62 | |
| Clemm street..... | 1,570 57 | |
| | | $113,976 01 |

CITY ANNEX—COMPRISING THE 21ST AND 22D WARDS.

| | | |
|---|---|---|
| Award for school and engine houses, Ordinance No. 111, October 11, 1888..... | $106,086 84 | |
| Four sanitary inspectors, at $500 per annum each.... | 2,000 00 | |
| Two vaccine physicians, at $300 per annum each.... | 600 00 | |
| Nuisance and sewers..... | 2,500 00 | |
| Repairs of roads, streets, bridges, etc..... | 30,000 00 | |
| Repairs to school and engine houses..... | 9,000 00 | |
| Salaries of school teachers. | 70,000 00 | |
| Expenses of schools..... | 15,000 00 | |
| Salaries of firemen..... | 15,400 00 | |
| Accidents ..... | 600 00 | |
| Amounts carried forward. | $251,186 84 | $5,351,295 82 |

STATEMENT B—Concluded.

| | | |
|---|---|---|
| Amounts brought forward. | $251,186 84 | $5,351,295 82 |
| Feed for horses | 2,400 00 | |
| Fuel for engines and houses. | 400 00 | |
| Furniture for engine houses. | 500 00 | |
| Harness for horses | 500 00 | |
| Horse-shoeing | 500 00 | |
| Hose | 300 00 | |
| Horses | 1,500 00 | |
| Ground rent | 600 00 | |
| Gas | 100 00 | |
| Oil, grease, etc | 1,000 00 | |
| Miscellaneous | 300 00 | |
| Washing | 100 00 | |
| Life insurance | 500 00 | |
| Sick account | 200 00 | |
| Police and fire alarm telegraph | 10,875 00 | |
| 11 garbage carts and men at $18 per week | 10,296 00 | |
| 3 street carts and men at $18 per week | 2,808 00 | |
| 6 sweepers and scrapers at $10 per week | 3,120 00 | |
| Salary of Superintendent | 1,000 00 | |
| Tools and incidentals | 60 00 | |
| Gas and electric light | 8,512 50 | |
| Lamp pillars and lamps | 5,712 18 | |
| City Collector—salaries of employees | 6,000 00 | |
| Expenses of Police Department | 100,619 04 | |
| | | $409,089 56 |
| | | $5,760,385 38 |

## STATEMENT C.

Estimated Receipts from Taxes in Arrear, and other specified sources of Revenue, for the fiscal year ending December 31, 1889.

| | |
|---|---|
| Taxes in arrear, estimated collections during the year | $1,300,000 00 |
| State of Maryland, for public schools | 160,000 00 |
| Fines | 3,000 00 |
| Jail Visitors | 2,000 00 |
| Bayview Asylum | 2,500 00 |
| Mount Hope Retreat | 3,000 00 |
| Maryland Hospital for Insane | 1,000 00 |
| Sale of refuse from streets | 1,700 00 |
| Quarantine Hospital | 4,000 00 |
| Fire Department | 350 00 |
| Permits for sheds and signs | 6,000 00 |
| Vaults and areas | 800 00 |
| Inspector and Sealer of Gas Meters | 2,550 00 |
| Rent of market stalls—net | 52,000 00 |
| Rent of public wharves—net | 25,000 00 |
| Dog pound | 200 00 |
| General licenses | 46,000 00 |
| Auction duties | 8,000 00 |
| Turnpike dividends | 400 00 |
| Tuition fees and J. F. Plummer | 3,129 55 |
| Total | $1,621,629 55 |

## STATEMENT D.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. | | Appropriations | Received from Collector of Taxes. | Received from Other Sources. |
|---|---|---|---|---|---|
| | Dr. | Cr. | | | |
| Criminal Court | $ 60,361 85 | $ 60,000 00 | $ 60,000 00 | | |
| Baltimore City Court | 12,707 78 | 13,000 00 | 13,000 00 | | |
| Court of Common Pleas | 13,509 65 | 13,000 00 | 13,000 00 | | |
| Superior Court | 13,728 25 | 13,000 00 | 13,000 00 | | |
| Orphans' Court | 7,937 15 | 7,500 00 | 7,500 00 | | |
| Circuit Court | 2,877 27 | 2,900 00 | 2,900 00 | | |
| Supreme Bench | 2,575 00 | 2,575 00 | 2,575 00 | | |
| Coroners | 2,400 00 | 2,400 00 | 2,400 00 | | |
| Fines | 1,488 50 | 3,892 47 | | | $ 3,892 47 |
| Judgments and suits | 1,673 15 | 5,000 00 | 5,000 00 | | |
| Jail | 53,908 44 | 62,094 01 | 60,000 00 | | 2,094 01 |
| Magistrates | 15,318 63 | 16,262 00 | 16,262 00 | | |
| Removed cases | 6,280 72 | 13,181 20 | 8,500 00 | | 4,681 20 |
| Registration | 60,115 64 | 60,062 50 | 60,062 50 | | |
| Certain expenses | | 216,204 48 | | $216,204 48 | |
| *Schools.* | | | | | |
| Public schools | 126,531 48 | 876,338 24 | 126,537 10 | 583,974 59 | 165,826 55 |
| " " salaries | 613,991 80 | 613,991 80 | 613,991 80 | | |
| Manual Training School | 16,971 10 | 16,971 10 | 16,971 10 | | |
| City poor | | 221,018 78 | | 221,018 78 | |
| Bayview | 79,998 98 | 82,927 43 | 80,000 00 | | 2,927 43 |
| Transportation of poor | 887 46 | 1,000 00 | 1,000 00 | | |
| Dispensaries | 8,500 00 | 9,400 00 | 9,400 00 | | |
| St. Mary's Industrial School | 20,000 00 | 20,000 00 | 20,000 00 | | |

| | | | | | |
|---|---|---|---|---|---|
| Mt. Hope Retreat | 38,943 95 | 43,348 95 | 38,943 95 | | 4,405 00 |
| Maryland Hospital for the Insane | 12,070 97 | 15,170 00 | 14,000 00 | | 1,170 00 |
| House of Refuge | 20,000 00 | 20,000 00 | 20,000 00 | | |
| House of Reformation | 10,000 00 | 10,000 00 | 10,000 00 | | |
| Washington University | 6,750 00 | 6,750 00 | 6,750 00 | | |
| University of Maryland | 6,750 00 | 6,750 00 | 6,750 00 | | |
| St. Vincent's Infant Asylum | 4,999 94 | 5,000 00 | 5,000 00 | | |
| Nursery and Child's Hospital | 2,749 98 | 3,000 00 | 3,000 00 | | |
| St. Elizabeth's Colored Orphan Asylum | 1,499 94 | 2,000 00 | 2,000 00 | | |
| Home of the Friendless | 2,100 00 | 2,100 00 | 2,100 00 | | |
| Industrial Home for Colored Girls | 1,500 00 | 1,500 00 | 1,500 00 | | |
| Female House of Refuge | 3,000 00 | 3,000 00 | 3,000 00 | | |
| Hospital of the Good Samaritan | 416 11 | 600 00 | 600 00 | | |
| Deaf and dumb at Frederick | 496 55 | 500 00 | 500 00 | | |
| Shelter for the aged colored poor | 500 00 | 500 00 | 500 00 | | |
| Boys' Home Society | 3,000 00 | 3,000 00 | 3,000 00 | | |
| St. Mary's Home for Colored Children | 500 00 | 500 00 | 500 00 | | |
| St. Mary's Female Orphan Asylum | 3,083 30 | 3,500 00 | 3,500 00 | | |
| Baltimore Manual Labor School | 1,000 00 | 1,000 00 | 1,000 00 | | |
| Widows and orphans, war of 1812 | 100 00 | 200 00 | 200 00 | | |
| Baltimore University Hospital | 2,535 00 | 2,535 00 | 2,535 00 | | |
| Maryland General Hospital | 2,535 00 | 2,535 00 | 2,535 00 | | |
| Park Sinking Fund | 19,160 46 | 19,160 46 | | | 19,160 46 |
| Harbor Commission | 49,064 10 | 49,084 07 | 49,084 07 | | |
| Bulkhead at Little Hawkins' Point | 4,597 77 | 4,600 00 | 4,600 00 | | |
| Ice-boat *F. C. Latrobe* | 12,144 36 | 12,500 00 | 12,500 00 | | |
| Repairs of wharves | 3,602 70 | 3,602 70 | 3,602 70 | | |
| Repairs of City Dock | 8,144 14 | 9,500 00 | 9,500 00 | | |
| Resurvey of harbor | 401 70 | 500 00 | 500 00 | | |
| Police Department | 721,167 89 | 1,374,989 44 | 710,000 00 | 664,877 44 | 112 00 |
| Amounts carried forward | $2,064,576 71 | $3,940,144 63 | $2,049,800 22 | $1,686,075 29 | $204,269 12 |

## STATEMENT D—Continued.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. Dr. | FACE OF LEDGER. Cr. | Appropriations | Received from Collector of Taxes. | Received from Other Sources. |
|---|---|---|---|---|---|
| Amounts brought forward | $2,064,576 71 | $3,940,144 63 | $2,049,800 22 | $1,686,075 29 | $204,269 12 |
| *Health Department.* | | | | | |
| Cleaning streets | 265,384 84 | 267,308 50 | 265,390 00 | | 1,918 50 |
| Cleaning streets (special) | 2,651 70 | 5,000 00 | 5,000 00 | | |
| Health | 15,006 75 | 15,010 36 | 15,010 36 | | |
| " salaries | 32,205 08 | 32,300 00 | 32,300 00 | | |
| Quarantine Hospital | 17,677 86 | 22,005 68 | 18,000 00 | | 4,005 68 |
| Nuisances | 10,274 64 | 10,389 64 | 10,389 64 | | |
| Post mortems | 1,000 00 | 1,000 00 | 1,000 00 | | |
| *Fire Department.* | | | | | |
| Salaries and incidentals | 235,600 11 | 236,011 18 | 235,604 25 | | 406 93 |
| Fire-alarm boxes, No. 6 Truck House | 496 00 | 500 00 | 500 00 | | |
| " " various places | 2,083 00 | 2,085 00 | 2,085 00 | | |
| Hook and Ladder Company No. 6 | 11,199 02 | 11,200 00 | 11,200 00 | | |
| Engine Co. No. 14 | 15,002 91 | 15,004 00 | 15,000 00 | | 4 00 |
| Improved machinery for Police and Fire-alarm Telegraph | 5,100 00 | | | | |
| *Inspector of Buildings.* | | | | | |
| Salaries and incidentals | 6,200 00 | 6,200 00 | 6,200 00 | | |
| Furnishing Circuit Court No. 2 | 1,000 00 | 1,000 00 | 1,000 00 | | |
| New truck house, South Baltimore | 1,899 00 | 1,907 19 | 1,907 19 | | |
| Permits for sheds, signs, &c. | 1,248 65 | 6,528 49 | | | 6,528 49 |

| | | | | | |
|---|---|---|---|---|---|
| Repairs of school houses | 9,989 05 | 10,000 00 | 10,000 00 | | |
| " of city property | 21,997 03 | 22,000 00 | 22,000 00 | | |
| " of No. 7 Engine House | 243 85 | 250 00 | 250 00 | | |
| " of Female Gram. School No. 18 | 242 00 | 250 00 | 250 00 | | |
| " of Fifth Regiment Armory | 999 63 | 1,000 00 | 1,000 00 | | |
| Cleaning cess-pools of public schools | 1,215 00 | 1,500 00 | 1,500 00 | | |
| Building colored school in West Baltimore | 4,470 34 | 9,000 00 | 9,000 00 | | |
| Building Colored High and Grammar School | 24,989 00 | 25,000 00 | 25,000 00 | | |
| Building addition to Grammar School No. 21 | 4,068 13 | 4,068 13 | 4,068 13 | | |
| Building Primary School No. 8 | 9,000 00 | 9,000 00 | 9,000 00 | | |
| Building addition to Howard Zouave Armory | 1,000 00 | 1,000 00 | 1,000 00 | | |
| Building Grammar School No. 2 | 15,000 00 | 15,000 00 | 15,000 00 | | |
| Engine house, West Baltimore | 9,694 00 | 9,700 00 | 9,700 00 | | |
| Reslating Baltimore City Jail | 5,996 75 | 6,000 00 | 6,000 00 | | |
| Sanitary improvements of schools | 2,989 33 | 3,000 00 | 3,000 00 | | |
| Painting school houses | 5,000 00 | 5,000 00 | 5,000 00 | | |
| Improvements at No. 8 Grammar School | 900 00 | 900 00 | 900 00 | | |
| Wood ceilings for school houses | 3,000 00 | 3,000 00 | 3,000 00 | | |
| Cleaning steps, City Hall | 150 00 | 150 00 | 150 00 | | |
| Laying drain-pipe from No. 9 Engine House | 716 25 | 800 00 | 800 00 | | |
| Draining cellar of No. 2 Primary School | 260 00 | 275 00 | 275 00 | | |
| Illuminated clock at No. 6 Engine House | 895 43 | 900 00 | 900 00 | | |
| *City Commissioner's Department.* | | | | | |
| Salaries and incidentals | 9,590 94 | 9,600 00 | 9,600 00 | | |
| Vaults and areas | | 1,097 80 | | | 1,097 80 |
| Amounts carried forward | $2,821,013 00 | $4,712,085 60 | $2,807,779 79 | $1,686,075 29 | $218,230 52 |

## STATEMENT D—Continued.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. | | Appropriations | Received from Collector of Taxes. | Received from Other Sources. |
|---|---|---|---|---|---|
| | Dr. | Cr. | | | |
| Amounts brought forward | $2,821,013 00 | $4,712,085 60 | $2,807,779 79 | $1,686,075 29 | $218,230 52 |
| Repairs of paved streets | 84,945 33 | 85,510 10 | 85,000 00 | | 510 10 |
| " of unpaved streets | 1,463 77 | 1,500 00 | 1,500 00 | | |
| " of bridges | 9,499 51 | 9,500 00 | 9,500 00 | | |
| " of sewers | 10,886 92 | 13,163 50 | 11,000 00 | | 2,163 50 |
| Improvement of Jones' Falls | 124,484 95 | 21 67 | | | 21 67 |
| Improvement of Harford Run | 65,969 98 | 107,727 25 | | | 107,727 25 |
| Jones' Falls 3½ per cent. stock | | 160,000 00 | | | 160,000 00 |
| Paving streets, Bolton property | 7,214 07 | 7,223 57 | 7,223 57 | | |
| Improvement of Fulton avenue | 4,230 51 | 4,303 55 | 4,227 75 | | 75 80 |
| Paving Loan of 1920 | 1,434 03 | | | | |
| Retaining wall, Falls road | 15,042 62 | 15,042 62 | 15,042 62 | | |
| Light street bridge | 1,998 41 | 2,139 23 | 2,000 00 | | 139 23 |
| Cross streets (paving and repaving) | 21,403 46 | 21,580 87 | 21,580 87 | | |
| Paving in front of city property | 685 42 | 1,000 00 | 1,000 00 | | |
| Iron gutter-plates | 2,997 90 | 3,048 75 | 3,000 00 | | 48 75 |
| Flag and stepping-stones | 7,970 21 | 8,000 00 | 8,000 00 | | |
| Shelling E. Monument and E. Fayette streets and Loney's lane | 1,276 86 | 1,276 86 | 1,276 86 | | |
| Shelling Ferry Bar road | 425 64 | 425 64 | 425 64 | | |
| " Ridgely and Bayard streets | 460 08 | 460 08 | 460 08 | | |
| " Warner street | 334 81 | 334 81 | 334 81 | | |
| " Liberty road | 75 00 | 75 00 | 75 00 | | |
| Mosher street sewer | 5,468 86 | 5,500 00 | 5,500 00 | | |
| Trapping Thames street sewer | 347 33 | 350 00 | 350 00 | | |
| " Broadway sewer | 333 85 | 350 00 | 350 00 | | |
| " sewer, Lexington and Arch sts | | 350 00 | 350 00 | | |

| | | | | | |
|---|---|---|---|---|---|
| Inlet to sewer, Camden and Howard sts. | | 500 00 | 500 00 | | |
| Inlet to Pratt street sewer | | 1,000 00 | 1,000 00 | | |
| Central avenue sewer | 5,159 07 | 5,200 00 | 5,200 00 | | |
| Repairing Calvert street bridge | 536 05 | 536 05 | 536 05 | | |
| Repairing St. Paul street bridge | 946 27 | 946 27 | 946 27 | | |
| Parking Wilkens avenue | 3,176 36 | 3,500 00 | 3,500 00 | | |
| Repaving Cross Street Market | 8,974 50 | 9,189 75 | 8,974 50 | | 215 25 |
| Repaving Fell's Point Market | 4,845 00 | 4,968 75 | 4,850 00 | | 118 75 |
| Culvert, Calvert and Eager streets | 1,240 42 | 1,300 00 | 1,300 00 | | |
| Trapping inlets, Central avenue sewer | 221 45 | | | | |
| Raising bridge at Gwynn's Falls | | 85 49 | 85 49 | | |
| Sewer in Fulton avenue | 9,649 04 | 10,000 00 | 10,000 00 | | |
| Monument to John Lee Chapman | 575 00 | 600 00 | 600 00 | | |
| *Park Commission.* | | | | | |
| Druid Hill and Patterson Parks | 128,766 26 | 131,552 14 | | | 131,552 14 |
| Federal Hill Park | 6,238 80 | 6,244 85 | 5,894 85 | | 350 00 |
| Riverside Park | 8,435 09 | 8,764 11 | 8,526 79 | | 237 32 |
| Harlem Park | 6,623 48 | 6,625 00 | 6,625 00 | | |
| *General Superintendent of Lamps.* | | | | | |
| Inspecting and sealing gas meters | | 2,678 50 | | | 2,678 50 |
| Incidentals | 300 00 | 300 00 | 300 00 | | |
| Gas and electric lights | 230,000 00 | 230,000 00 | 230,000 00 | | |
| Lamp pillars and lamps | 19,723 11 | 22,038 00 | 21,968 00 | | 70 00 |
| *General Expenditures.* | | | | | |
| City Council | 54,922 66 | 55,150 00 | 55,150 00 | | |
| General expense | 1,148 42 | 1,200 00 | 1,200 00 | | |
| Masonic Hall | 3,451 79 | 3,452 42 | 3,452 42 | | |
| Court House | 6,534 53 | 6,551 00 | 6,551 00 | | |
| Amounts carried forward | $3,691,429 82 | $5,673,351 43 | $3,363,137 36 | $1,686,075 29 | $624,138 78 |

## STATEMENT D—Continued.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. | | Appropriations | Received from Collector of Taxes. | Received from Other Sources. |
|---|---|---|---|---|---|
| | Dr. | Cr. | | | |
| Amounts brought forward | $3,691,429 82 | $5,673,351 43 | $3,363,137 36 | $1,686,075 29 | $624,138 78 |
| Madison Square | 2,187 76 | 2,200 00 | 2,200 00 | | |
| Eastern Fountain | 1,153 84 | 1,200 00 | 1,200 00 | | |
| Franklin Square | 1,500 00 | 1,500 00 | 1,500 00 | | |
| Union Square | 1,755 18 | 2,000 00 | 2,000 00 | | |
| Perkins' Spring Square | 3,902 00 | 3,902 00 | 3,902 00 | | |
| Park Place Square | 377 22 | 500 00 | 500 00 | | |
| Lafayette Square | 1,226 25 | 1,400 00 | 1,400 00 | | |
| Jackson Square | 1,041 16 | 1,100 00 | 1,100 00 | | |
| Mount Vernon Squares | 1,000 00 | 1,000 00 | 1,000 00 | | |
| Broadway Square—1st division | 1,874 15 | 2,000 00 | 2,000 00 | | |
| " " —2d division | 1,999 98 | 2,000 00 | 2,000 00 | | |
| Eutaw Square—1st division | 1,800 00 | 1,800 00 | 1,800 00 | | |
| " " —2d division | 4,900 00 | 4,900 00 | 4,900 00 | | |
| Ashland Square | 129 81 | 150 00 | 150 00 | | |
| Baker Circle | 300 00 | 300 00 | 300 00 | | |
| Taney Place Square | 300 00 | 300 00 | 300 00 | | |
| Johnson Square | 1,841 94 | 2,022 74 | 2,022 70 | | 04 |
| Mount Royal Avenue Square | 1,498 52 | 1,500 00 | 1,500 00 | | |
| Frick's Triangle | 464 33 | 500 00 | 500 00 | | |
| Collington Square | 2,527 54 | 2,533 53 | 2,533 53 | | |
| Lafayette Market | 244 37 | 1,098 10 | | | 1,098 10 |
| Centre Market | 725 13 | 8,341 80 | 125 00 | | 8,216 80 |
| Belair Market | 517 93 | 8,315 25 | | | 8,315 25 |
| Fell's Point Market | 518 80 | 6,574 05 | | | 6,574 05 |
| Lexington Market | 602 90 | 12,557 75 | | | 12,557 75 |
| Richmond Market | 412 70 | 2,582 17 | | | 2,582 17 |

| | | | | | |
|---|---|---|---|---|---|
| Hanover Market | 528 46 | 6,440 35 | 200 00 | | 6,240 35 |
| Cross Street Market | 308 05 | 4,201 30 | | | 4,201 30 |
| Hollins Market | 419 11 | 3,792 85 | 125 00 | | 3,667 85 |
| Northeast Market | 240 25 | 2,731 05 | 200 00 | | 2,531 05 |
| Canton Market | 158 20 | 418 40 | | | 418 40 |
| Cross Street Hall | 36 50 | 204 00 | | | 204 00 |
| Hollins Hall | 53 75 | 275 00 | | | 275 00 |
| Wharfage | 8,452 31 | 33,595 71 | | | 33,595 71 |
| Salaries | 72,607 09 | 73,402 93 | 73,269 60 | | 133 33 |
| City Library | 7,991 89 | 8,079 28 | 8,000 00 | | 79 28 |
| Public printing | 2,799 53 | 2,934 00 | 2,800 00 | | 134 00 |
| Interest | 135,081 80 | 222,687 28 | 94,000 00 | 128,687 28 | |
| Interest on stock debt | 1,858,768 66 | 2,751,554 88 | 1,846,850 92 | | 904,703 96 |
| Superintendent of City Hall | 21,646 95 | 22,068 71 | 22,068 71 | | |
| Mayoralty | 2,176 86 | 3,000 00 | 3,000 00 | | |
| Lamplighters | 46,514 00 | 46,514 00 | 46,514 00 | | |
| Special appropriations | 2,766 55 | 2,766 55 | 2,766 55 | | |
| Transportation to House of Correction | 196 00 | 400 00 | 400 00 | | |
| City property | 3,697 84 | 4,360 00 | 4,200 00 | | 160 00 |
| Unclaimed damages for opening streets | 9,397 72 | 9,396 22 | | | 9,396 22 |
| Appeal Tax Court | 299 48 | 300 00 | 300 00 | | |
| City Collector | 51,900 00 | 51,900 00 | 51,900 00 | | |
| Commissioners for Opening Streets | 128 77 | 200 00 | 200 00 | | |
| Elections | 9,243 15 | 9,243 15 | 9,243 15 | | |
| Dog pound | 1,148 00 | 1,770 87 | 1,500 00 | | 270 87 |
| Supervisors of Elections | 3,972 89 | 6,000 00 | 6,000 00 | | |
| Maryland Institute | 6,000 00 | 6,000 00 | 6,000 00 | | |
| Tax sales | 95 80 | 3,377 09 | 1,200 00 | | 2,177 09 |
| Winding Maryland Institute clock | 75 00 | 75 00 | 75 00 | | |
| Ringing Mechanics' bells | 200 00 | 200 00 | 200 00 | | |
| Water Board | 832,387 02 | 800,583 36 | | | 800,583 36 |
| Water Loan, 1926 | 384,801 14 | 429,917 05 | | | 429,917 05 |
| Amounts carried forward | $7,190,324 10 | $10,254,017 85 | $5,577,083 52 | $1,814,762 57 | $2,862,171 76 |

## STATEMENT D—Continued.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. | | Appropriations | Received from Collector of Taxes. | Received from Other Sources. |
|---|---|---|---|---|---|
| | Dr. | Cr. | | | |
| Amounts brought forward | $7,190,324 10 | $10,254,017 85 | $5,577,083 52 | $1,814,762 57 | $2,862,171 76 |
| New fire-plugs, fountains, etc | 5,000 00 | 5,000 00 | 5,000 00 | | |
| General licenses | 1,352 50 | 47,904 70 | 1,500 00 | | 46,404 70 |
| City seal | | 10 00 | | | 10 00 |
| Refunded taxes | 3,502 35 | 3,000 00 | 3,000 00 | | |
| Temporary loans | 1,165,000 00 | 1,365,000 00 | | | 1,365,000 00 |
| Auction duties | | 8,369 06 | | | 8,369 06 |
| Improvement of Eastern Fountain | 173 50 | 175 00 | 175 00 | | |
| Enoch Pratt Free Library | 50,000 00 | 50,000 00 | 50,000 00 | | |
| Release of mortgage adjoining No. 6 Engine House | 6,180 00 | 6,180 00 | 6,180 00 | | |
| Music at the parks | 3,000 00 | 3,000 00 | 3,000 00 | | |
| Direct tax | | 1,570,518 13 | | 1,570,518 13 | |
| Miscellaneous stocks | | 905,634 58 | | 905,634 58 | |
| Opening streets | | 286,216 86 | | 286,216 86 | |
| Water tax | | 48,903 52 | | 48,903 52 | |
| Renumbering houses | | 4,949 50 | | 4,949 50 | |
| Ice-boat *Maryland* | 10,000 00 | 10,000 00 | 10,000 00 | | |
| Turnpike dividends | | 509 65 | | | 509 65 |
| Assistance to Examiner of Titles | 807 00 | 1,500 00 | 1,500 00 | | |
| Intestate estates | | 93 99 | | | 93 99 |
| Extension of city limits | 9,707 96 | 7,000 00 | 7,000 00 | | |
| Surveying and platting of annex territory | 68 09 | | | | |
| Sale of city property | | 606 50 | | | 606 50 |
| Monument to Francis Scott Key | | 5,000 00 | 5,000 00 | | |
| State tax on city loans | 38,326 74 | 34,330 64 | 12,000 00 | | 22,330 64 |

| | | | | | |
|---|---|---|---|---|---|
| Insurance of Bayview Asylum | 1,305 00 | 1,305 00 | 1,305 00 | | |
| Repairing records, Circuit Court | 2,000 00 | 2,000 00 | 2,000 00 | | |
| Surveys for removal of North street railroad tracks | 1,032 37 | 2,000 00 | 2,000 00 | | |
| Baltimore Light Infantry | 1,000 00 | 1,000 00 | 1,000 00 | | |
| Lot for a colored school | 7,000 00 | 7,000 00 | 7,000 00 | | |
| Lot for Manual Training School | 7,800 00 | 7,800 00 | 7,800 00 | | |
| Closing Birckhead street | 43 40 | | | | |
| " V alley | 1 00 | | | | |
| " alley from Eden to Spring st. | 1 00 | | | | |
| " Kirby's lane | 2 00 | | | | |
| " Brown's lane | 1 00 | | | | |
| " Fourth street | 1 00 | | | | |
| " Carey street | 1 00 | | | | |
| " Belvidere street | 300 30 | | | | |
| " Butchers' lane | 79 50 | | | | |
| " Philadelphia road | 244 71 | | | | |
| Widening Orleans street | 3,270 64 | 3,883 66 | 2,689 96 | 203 70 | 990 00 |
| Opening Monroe street | 6,236 00 | 6,536 00 | 2,433 54 | 3,802 46 | 300 00 |
| " Mulberry street | 69 24 | | | | |
| " Saratoga street | 68 19 | | | | |
| " Carroll street | 84 80 | | | | |
| " Harlem avenue | 23 18 | 1,021 13 | | 1,021 13 | |
| " Dallas street | 2,219 15 | 2,652 28 | 2,049 78 | 602 50 | |
| " Douglas street | 2,660 24 | | | | |
| " Nanticoke street | 114 42 | | | | |
| " Wolfe street | 2 50 | | | | |
| " Payson street | 93 87 | | | | |
| " Stockholm street | 112 69 | 2,265 75 | 2,067 75 | | 198 00 |
| " Jephson street | 15,137 05 | 15,821 90 | 8,972 40 | 6,451 00 | 398 50 |
| " McComas street | 12,400 86 | 12,848 52 | 7,417 77 | 5,104 75 | 326 00 |
| " Donaldson street | 17,353 43 | 17,916 49 | 8,358 49 | 9,558 00 | |
| Amounts carried forward | $8,564,100 78 | $14,701,970 71 | $5,736,533 21 | $4,657,728 70 | $4,307,708 80 |

## STATEMENT D—Continued.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. | | Appropriations | Received from Collector of Taxes. | Received from Other Sources. |
|---|---|---|---|---|---|
| | Dr. | Cr. | | | |
| Amounts brought forward | $8,564,100 78 | $14,701,970 71 | $5,736,533 21 | $4,657,728 70 | $4,307,708 80 |
| Opening Collington avenue | 226 13 | 2,742 85 | | 2,742 85 | |
| " Patapsco street | 89 50 | 819 15 | 819 15 | | |
| " Pulaski street | 340 44 | | | | |
| " Robert street | 22,000 00 | 18,449 21 | 10,574 50 | 7,874 71 | |
| " Patterson Park avenue | 1,176 00 | 30,420 28 | 26,355 32 | 4,044 96 | 20 00 |
| " Clarkson alley | 1,226 00 | 1,508 02 | 519 65 | 988 37 | |
| " Fulton avenue | 4,946 75 | 5,543 23 | 1,675 73 | 3,867 50 | |
| " Exeter street | 506 86 | 1,318 68 | | 1,318 68 | |
| " Etting street | 43 00 | | | | |
| " East street | 7,800 00 | 7,189 39 | 509 72 | 6,669 67 | 10 00 |
| " Hope street | 4,320 52 | 4,611 23 | 1,682 23 | 2,929 00 | |
| " Chester street | 317 38 | | | | |
| " Oliver street | 1,279 14 | 116 31 | | 116 31 | |
| " Wicomico street | 6,260 31 | 6,706 14 | 3,638 14 | 2,822 87 | 245 13 |
| " Clement street | 94 38 | 581 09 | | 581 09 | |
| " Wilcox street | 18 00 | 10 66 | | 10 66 | |
| " Preston street | 2,791 36 | 4,992 36 | 3,592 36 | 1,400 00 | |
| " Carrollton avenue | 159 37 | | | | |
| " Cemetery lane and Tenant st. | 298 90 | | | | |
| " Carey street | 205 28 | | | | |
| " Hoffman street | | 1,483 57 | | 1,483 57 | |
| " Federal street | 538 85 | | | | |
| " Beverlin street | 82 03 | 1 75 | | 1 75 | |
| " Castle alley | 361 25 | | | | |
| " Elizabeth lane | 132 74 | | | | |
| " Orleans and Low streets | 2 00 | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Opening | Towson street | 207 51 | | | | |
| " | Richardson street | 237 37 | | | | |
| " | Andre street | 342 31 | | | | |
| " | Clemm street | 162 32 | | | | |
| " | Townsend street | 280 58 | | | | |
| " | Biddle street | 179 62 | | | | |
| " | Spring street | 338 79 | | | | |
| " | Mount street | 93 70 | | | | |
| " | Chew street | 188 00 | | | | |
| " | Mount Royal avenue | 242,233 99 | 227,712 31 | 163,666 09 | 59,301 22 | 4,745 00 |
| " | Port alley | 72 52 | | | | |
| " | South Paca street | 50 00 | | | | |
| " | Cooksie street | 72 00 | | | | |
| " | Beason street | 93 25 | | | | |
| " | Race street | 46 50 | 554 62 | 554 62 | | |
| " | Wooster street | 45 50 | | | | |
| " | Clare street | 51 35 | | | | |
| " | Madison street | 45 13 | | | | |
| " | Penn street | 47 50 | | | | |
| " | Bouldin alley | 49 85 | | | | |
| " | Kirby's lane | 47 00 | | | | |
| " | Lanvale street | 61 10 | | | | |
| " | Morton alley | 1 00 | | | | |
| " | Patapsco alley | 26 00 | | | | |
| " | Patuxent street | 1 00 | | | | |
| " | Russell street | 30 63 | | | | |
| " | Mosher street | 16 00 | | | | |
| " | Henry street | 105 82 | | | | |
| " | Scott street | 1 00 | | | | |
| " | Alley from Eden to Spring st. | 2 00 | | | | |
| " | Alley from Caroline to Dallas street | 1 00 | | | | |
| Amounts carried forward | | $8,864,507 31 | $15,016,731 56 | $5,950,120 72 | $4,753,881 91 | $4,312,728 93 |

## STATEMENT D—Continued.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. | | Appropriations | Received from Collector of Taxes. | Received from Other Sources. |
|---|---|---|---|---|---|
| | Dr. | Cr. | | | |
| Amounts brought forward | $8,864,507 31 | $15,016,731 56 | $5,950,120 72 | $4,753,881 91 | $4,312,728 93 |
| Opening Alley from Caroline to Spring street | 1 00 | | | | |
| " Alley from Central avenue to Eden street | 1 00 | | | | |
| " Alley from Lanvale street to Harlem Stage Company | 1 00 | | | | |
| " Barclay street | 115 00 | | | | |
| " Eastern avenue | 496 05 | | | | |
| " Calhoun street | 30,833 21 | 30,978 68 | 25,598 17 | 3,823 01 | 1,557 50 |
| " Cannon street | 49,295 79 | 53,617 53 | 28,882 32 | 24,715 21 | 20 00 |
| " Johnson street | 40 00 | | | | |
| " Covington street | | 1,456 02 | 1,456 02 | | |
| " Alley 8 feet 8½ inches wide | | 171 65 | 171 65 | | |
| Paving interest | | 4,743 56 | | 4,743 56 | |
| " Biddle street | 490 14 | 639 41 | | 639 41 | |
| " Fulton avenue | 44,692 45 | 9,024 13 | | 6,400 88 | 2,623 25 |
| " Lanvale street | 724 79 | 6,003 21 | | 6,003 21 | |
| " Wolfe street | 380 21 | | | | |
| " Edmondson avenue | | 9,456 85 | | 9,456 85 | |
| " Calhoun street | 124 17 | 108 51 | | 108 51 | |
| " Bethel street | | 127 36 | | 127 36 | |
| " Patterson Park avenue | 326 76 | | | | |
| " Fayette street | 430 49 | 62 68 | | 62 68 | |
| " Chester street | 7,526 90 | 8,336 14 | | 8,336 14 | |
| " McHenry street | | 173 42 | | 173 42 | |
| " Oliver street | | 723 40 | | 723 40 | |

| | | | | | |
|---|---|---|---|---|---|
| Paving Orleans street | 3,307 28 | 2,486 17 | | 2,486 17 | |
| " Hoffman street | 1,980 42 | 559 88 | | 559 88 | |
| " Franklin street | | 803 46 | | 803 46 | |
| " Gay street | | 13,178 66 | | 13,178 66 | |
| " Mosher street | 137 73 | | | | |
| " Tenant street | 53 09 | | | | |
| " Ostend street | 6,052 55 | 2,698 54 | | 2,698 54 | |
| " Box alley | 1,256 77 | 1,196 71 | | 1,196 71 | |
| " Holbrook street | 4,401 30 | 75 57 | | 75 57 | |
| " Townsend street | 117 29 | | | | |
| " Lexington street | | 683 49 | | 683 49 | |
| " Eutaw street | | 827 16 | | 827 16 | |
| " Wilkens avenue | 438 08 | | | | |
| " Cross street | 96 67 | | | | |
| " North street | | 25 74 | | 25 74 | |
| " Baltimore street | | 58 52 | | 58 52 | |
| " Smallwood street | 714 40 | 801 69 | | 801 69 | |
| " Bruce alley | 60 87 | | | | |
| " Monroe street | 95 40 | | | | |
| " Cannon street | 189 78 | | | | |
| " Broadway | 2,448 83 | | | | |
| " Gold street | 156 32 | | | | |
| " Mount street | 103 08 | | | | |
| " Eden street | 118 79 | | | | |
| " Belt street | 492 13 | | | | |
| " North avenue | 14,985 34 | 3,840 51 | | 3,840 51 | |
| *City Annex.* | | | | | |
| Public schools | 21,027 41 | | | | |
| Public schools, special | 5,095 94 | 6,000 00 | 6,000 00 | | |
| Public schools, salaries | 17,178 75 | | | | |
| Amounts carried forward | $9,080,494 49 | $15,175,590 21 | $6,012,228 88 | $4,846,431 65 | $4,316,929 68 |

## STATEMENT D—Concluded.

| NAMES OF ACCOUNTS. | FACE OF LEDGER. | | Appropriations | Received from Collector of Taxes. | Received from Other Sources. |
|---|---|---|---|---|---|
| | Dr. | Cr. | | | |
| Amounts brought forward | $9,080,494 49 | $15,175,590 21 | $6,012,228 88 | $4,846,431 65 | $4,316,929 68 |
| Maryland Hospital for the Insane | 650 00 | | | | |
| Police Department | 38,464 43 | | | | |
| Cleaning streets | 7,594 96 | | | | |
| Health | 111 87 | | | | |
| Health, salaries | 1,183 24 | | | | |
| Nuisances | 721 62 | | | | |
| Fire Department | 14,247 66 | | | | |
| Repairs of city property | 1,500 00 | 1,500 00 | 1,500 00 | | |
| Repairs of streets, roads, etc | 12,966 47 | 13,000 50 | 13,000 00 | | 50 |
| Gas and electric lights | 3,132 54 | | | | |
| Lamp pillars and lamps | 2,458 31 | | | | |
| Lamplighters | 5,055 12 | | | | |
| Surveys and plats | 950 00 | 950 00 | 950 00 | | |
| Mayor and City Council | 6,027,678 88 | | | | |
| Cash | 9,163,361 83 | 9,169,530 71 | | | |
| Totals | $24,360,571 42 | $24,360,571 42 | $6,027,678 88 | $4,846,431 65 | $4,316,930 18 |

## STATEMENT E.

Receipts and Disbursements from December 31, 1887, to December 31, 1888.

| | Receipts. | Disbursements. |
|---|---|---|
| January | $ 148,605 37 | $ 631,676 56 |
| February | 1,041,478 50 | 748,446 78 |
| March | 516,815 61 | 486,702 08 |
| April | 850,023 15 | 571,136 22 |
| May | 598,637 25 | 1,404,239 91 |
| June | 1,397,404 06 | 913,933 45 |
| July | 1,435,730 38 | 868,628 77 |
| August | 337,094 04 | 707,857 19 |
| September | 411,095 21 | 596,965 45 |
| October | 775,899 61 | 868,689 45 |
| November | 704,584 53 | 954,885 20 |
| December | 945,994 12 | 416,369 65 |
| | $9,163,361 83 | $9,169,530 71 |
| Balance Dec. 31, 1887 | 300,124 88 | |
| " " 1888 | | 293,956 00 |
| | $9,463,486 71 | $9,463,486 71 |

## STATEMENT F.

The condition of the Sinking Fund for the Redemption of the Five Million Loan to the Baltimore and Ohio Railroad Company the 31st day of December, 1888, is as follows:

| | | | | | |
|---|---|---|---|---|---|
| Consolidated | 6 | per cent. | loan of | 1890.... | $198,500 00 |
| Five Million | 6 | " | " | 1890.... | 847,300 00 |
| City Hall | 6 | " | " | 1900.... | 41,300 00 |
| " | 6 | " | " | 1902.... | 6,200 00 |
| Funding | 6 | " | " | 1900.... | 58,900 00 |
| Park improvement | 6 | per cent. | loan of | 1895. | 6,600 00 |
| Jones' Falls | 6 | " | " | 1900. | 28,000 00 |
| " | 5 | " | " | 1900. | 71,100 00 |
| Public Park | 6 | " | " | 1890. | 45,300 00 |
| West. Md. Railroad | 6 | " | " | 1902. | 50,900 00 |
| Water | 5 | " | " | 1894. | 178,200 00 |
| " | 5 | " | " | 1916. | 297,900 00 |
| Exempt | 6 | " | " | 1893. | 12,200 00 |
| Consolidated | 6 | " | " | 1893. | 331,900 00 |
| West. Md. Railroad | 4 | " | " | 1925. | 47,000 00 |
| Jones' Falls | 3 | " | " | 1900. | 34,000 00 |
| West. Md. Railroad | 3½ | " | " | 1927. | 71,000 00 |
| Western Maryland Railroad guaranteed bonds (registered)..... | | | | | 25,000 00 |
| Western Maryland Railroad guaranteed bonds (coupon)..... | | | | | 48,000 00 |
| Union R. R. guaranteed bonds (coupon).. | | | | | 1,500 00 |
| | | | | | $2,400,800 00 |

## STATEMENT G.

Statement showing the Monthly Returns of the "Keepers of the Standards of Weights and Measures" from March 1, 1888, to December 31, 1888.

| 1888. | N.W. DISTRICT. | S. W. DISTRICT. | N. E. DISTRICT. | S. E. DISTRICT. | TOTALS. |
|---|---|---|---|---|---|
| March | $441 29 | $1,400 00 | ..... | $517 83 | $2,359 12 |
| April | 251 92 | 88 00 | $215 72 | 444 32 | 999 96 |
| May | 284 70 | 22 50 | 647 06 | 3 70 | 957 96 |
| June | 254 80 | 74 50 | 315 92 | 187 18 | 832 40 |
| July | 140 67 | 96 01 | 195 11 | 144 53 | 576 32 |
| August | 189 03 | 173 14 | 172 70 | 198 65 | 733 52 |
| September | 98 19 | 182 85 | 26 64 | 43 44 | 351 12 |
| October | 78 38 | 67 40 | 15 04 | 21 66 | 182 48 |
| November | 67 57 | 28 00 | 28 29 | 34 54 | 158 40 |
| December | 51 15 | 21 00 | 10 06 | 12 07 | 94 28 |
| Totals | $1,857 70 | $2,153 40 | $1,626 54 | $1,607 92 | $7,245 56 |

# COMMUNICATIONS.

BALTIMORE, January 5, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—Herewith I submit estimates of the amounts required for salaries and incidental expenses of this Department and of salaries of the judges and employees of the Appeal Tax Court for the fiscal year ending December 31, 1889:

| | |
|---|---|
| Salaries of the City Collector and employees of the Tax Department under existing ordinances | $36,900 00 |
| Incidental expenses of Tax Department | 3,000 00 |
| Salaries of judges and employees of the Appeal Tax Court under existing ordinances | 13,200 00 |
| | $53,100 00 |
| Salaries of additional employees of the Tax Department, to be recommended by the City Collector in his forthcoming annual report | 6,000 00 |
| Total | $59,100 00 |

Respectfully,

J. T. M. BARNES,

*Deputy City Collector.*

BALTIMORE, December 31, 1888.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The appropriations required for this Department for the year 1889, are as follows:

| | | |
|---|---|---|
| For repairs of city property, say: | | |
| For engine houses..... | $7,000 00 | |
| " City Jail..... | 3,000 00 | |
| " City Hall..... | 5,000 00 | |
| " market houses..... | 3,500 00 | |
| " court houses..... | 3,000 00 | |
| " dog pound and other property..... | 500 00 | |
| | | $22,000 00 |
| For repairs of public schools, say: | | |
| For repairs..... | $10,000 00 | |
| " painting schools..... | 5,000 00 | |
| " sanitary improvements. | 3,000 00 | |
| " substituting wood for plaster ceilings..... | 3,000 00 | |
| " emptying cess-pools.... | 1,500 00 | |
| " incidentals ..... | 100 00 | |
| " livery for two horses and repairs to wagons..... | 600 00 | |
| " salaries..... | 5,500 00 | |
| " the completion of No. 2 Grammar School..... | 15,000 00 | |
| " the completion of No. 9 Colored Primary School ..... | 15,140 00 | |
| Amounts carried forward.... | $58,840 00 | $22,000 00 |

| | | |
|---|---|---|
| Amounts brought forward... | $58,840 00 | $22,000 00 |
| For repairs to school and engine houses in the annexed portion of the city ..... | 9,000 00 | |
| " rebuilding dangerous wall and new floor at No. 10, and changing stalls at No. 3 Engine Houses ..... | 2,300 00 | |
| " extra outdoor help during busy season..... | 500 00 | |
| | | $70,640 00 |
| | | $92,640 00 |

Very respectfully,

J. THEO. OSTER,

*Inspector of Buildings.*

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BALTIMORE, January 5, 1889.

JOHN A. ROBB, ESQ., *City Register:*

ESTIMATES FOR 1889.

For schools, exclusive of annexed and Manual Training School:

| | |
|---|---|
| For salaries ..... | $630,000 00 |
| " rents and ground rents..... | 38,500 00 |
| " books and stationery..... | 45,000 00 |
| Amount carried forward..... | $713,500 00 |

| | | |
|---|---|---|
| Amount brought forward | | $713,500 00 |
| For heating apparatus, and its repairs | | 10,000 00 |
| " furniture | | 13,000 00 |
| " fuel | | 22,000 00 |
| " repairs and cleaning | | 9,000 00 |
| " incidentals | | 10,000 00 |
| | | $777,500 00 |
| " Manual Training School | | 25,000 00 |
| " annexed schools—salaries | $70,000 00 | |
| " annexed schools—all other items | 15,000 00 | |
| | | $85,000 00 |
| | | $887,500 00 |

By order of committee.

HENRY M. COWLES,
*Secretary.*

---

BALTIMORE, January 4, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The President of the Board of Trustees for Bayview Asylum requested me to inform you that it would require ninety thousand dollars ($90,000) to run the institution for the year 1889.

Respectfully,

JOHN M. MCELROY,
*Purveyor.*

BALTIMORE, January 3, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—I would respectfully inform you that the estimated appropriations of this Department for the year ending December 31, 1889, are as follows.

Yours truly,

F. W. KING,

*General Superintendent of Lamps, Etc.*

| | |
|---|---|
| Gas and electric light account | $269,420 00 |
| Lamp-pillar and lamp account | 18,579 00 |
| Keep of General Superintendent of Lamps' horse and wagon | 300 00 |
| | $288,299 00 |

| | |
|---|---|
| City annex gas and electric light account | $8,512 50 |
| City annex lamp-pillar and lamp account. | 5,712 18 |

There is one (1) superintendent and twenty (20) lamplighters in the city annex, paid the same as in the city proper; but I shall request at least two (2) more lamplighters, as it is impossible to light and put out in a reasonable time.

The estimated receipts of the office:

| | |
|---|---|
| Inspection of gas meters | $2,500 00 |
| Repairs of lamps | 50 00 |
| | $2,550 00 |

BALTIMORE, January 3, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The following is the estimate for the Fire Department for the year 1889:

| | |
|---|---|
| Salaries | $153,700 00 |
| Apparatus | 20,750 00 |
| Apparatus repairs | 6,000 00 |
| Accident | 5,000 00 |
| Feed | 10,000 00 |
| Fuel | 3,000 00 |
| Furniture | 1,500 00 |
| Harness | 800 00 |
| Horse-shoeing | 2,000 00 |
| Hose and sucking sleeves | 10,000 00 |
| Horses | 6,000 00 |
| Ground rent | 804 25 |
| Gas | 1,200 00 |
| Oils, grease, etc | 1,500 00 |
| Office expenses, including printing report and messenger's salary | 1,200 00 |
| Rent of telephones | 700 00 |
| Miscellaneous | 1,000 00 |
| Washing | 1,500 00 |
| Life insurance | 3,360 00 |
| Sick account | 600 00 |
| Pensioned firemen | 3,200 00 |
| Police and fire alarm telegraph | 22,500 00 |
| | $256,314 25 |

Respectfully,

J. ALEXANDER PRESTON,

*President.*

ESTIMATE FOR 1889—CITY ANNEX.

| | |
|---|---|
| Salaries | $15,400 00 |
| Apparatus repairs | 1,500 00 |
| Accident | 600 00 |
| Feed | 2,400 00 |
| Fuel | 400 00 |
| Furniture | 500 00 |
| Harness | 500 00 |
| Horse-shoeing | 500 00 |
| Hose | 300 00 |
| Horses | 1,500 00 |
| Ground rent | 600 00 |
| Gas | 100 00 |
| Oils, grease, etc | 1,000 00 |
| Miscellaneous | 300 00 |
| Washing | 100 00 |
| Life insurance | 500 00 |
| Sick account | 200 00 |
| Police and fire alarm telegraph | 10,875 00 |
| | $37,275 00 |

Respectfully,

J. ALEXANDER PRESTON,

*President.*

BALTIMORE, January 10, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The Board of Police Commissioners estimate that the sum of $827,050.72 will be required for the Police Department of Baltimore city for the year of 1889, of which amount $100,619.04 will be required for the annex portion of the city.

Very respectfully,

E. M. SCHRYVER,
JOHN Q. A. ROBSON,
JOHN GILL,
*Police Commissioners.*

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BALTIMORE, January 9, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The following is the estimated expenses of the Criminal Court, Record Office and grounds required for the year 1889:

| | |
|---|---|
| Superintendent's salary | $1,200 00 |
| Watchman's salary | 1,000 00 |
| Janitor Criminal Court | 350 00 |
| Janitor Court Common Pleas | 350 00 |
| Janitor for yards, basement, closets, etc. | 120 00 |
| Janitoress for ladies' room | 300 00 |
| Charwoman, (cleaning and scrubbing) | 300 00 |
| Amount carried forward | $3,620 00 |

| | |
|---|---|
| Amount brought forward | $3,620 00 |
| 100 tons of coal for Criminal Court, Superior, Common Pleas, Jury, Grand Jury, Clerks' offices, at $5 | 500 00 |
| 75 tons of coal for Record Office, at $5 | 375 00 |
| Gas for Criminal Court buildings, basements, and offices | 200 00 |
| Ice for Criminal, Superior, Common Pleas, jury rooms, offices, etc | 200 00 |
| Ice coolers and repairing | 30 00 |
| 8 cords of split wood same as for coal, at $8 | 64 00 |
| Removing ashes and refuse | 100 00 |
| Gas fixtures, globes, and repairs Criminal, Superior, Common Pleas offices, and Record office, etc | 75 00 |
| Locks, keys, and repairs | 20 00 |
| Window curtains and awnings | 45 00 |
| Brooms, buckets, brushes, towels, soap, soda, pearline, deodorizers | 95 00 |
| New furniture, chairs, desks, etc | 175 00 |
| Carpets, oil cloth, and linoleum | 150 00 |
| Repairing furniture | 75 00 |
| Repairing furnaces, stoves, grates | 100 00 |
| Papering jury rooms | 80 00 |
| Regilding and repairing frames and portraits in court rooms, kalsomining and coloring walls | 281 00 |
| Stairways and basements of Criminal Court and Record Office | 300 00 |
| | $6,485 00 |

Respectfully submitted,

JAMES W. GEDDES,

*Superintendent Criminal Court.*

BALTIMORE, December 10, 1888.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The amount asked for in estimate for repairing and regilding portraits in the court rooms was most respectfully asked for by the Supreme Bench, and said request submitted by Mr. James Bond, Clerk, to me.

Respectfully,

JAMES W. GEDDES.

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BALTIMORE, January 5, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The following is the estimate of the expense of Old Masonic building, City and Circuit Courts, offices, etc., for the year ending December 31, 1889:

| | |
|---|---|
| Janitor | $1,000 00 |
| Watchman | 900 00 |
| Cleaning courts, offices, etc | 650 00 |
| 60 tons of coal and 2 cords of wood, sawed and split | 320 00 |
| Gas | 100 00 |
| Ice | 103 90 |
| Brooms, brushes, buckets, feather dusters, soap, towels, globes, tumblers, mops, pearline, etc | 60 00 |
| Repairs to furniture, gas fixtures, etc | 45 00 |
| Amount carried forward | $3,178 90 |

| | |
|---|---|
| Amount brought forward | $3,178 90 |
| Cleaning and relaying carpets | 40 00 |
| Whitewashing | 25 00 |
| 85 yards of linoleum, laying, etc., for basement of Record Office, Circuit Court | 93 50 |
| 15 yards carpet for Clerk's office Circuit Court. | 21 75 |
| 4 desks, to be re-covered in the Circuit Court offices | 28 00 |
| Incidentals | 100 00 |
| Cleaning and repairing stoves | 55 00 |
| 8 door mats | 24 00 |
| Cleaning sink | 12 00 |
| 100 feet hose, couplings, etc | 25 00 |
| 1 desk for jury room | 8 00 |
| 2 step-ladders | 7 50 |
| Removing ashes and refuse | 25 00 |
| Furniture, locks, keys, window shades, cuspidores, etc | 50 00 |
| | $3,693 65 |

Respectfully submitted,

JAMES DONNELLY, *Janitor.*

| | |
|---|---|
| Cleaning Circuit Court No. 2, Clerk's office, etc. | $468 00 |
| 18 days in December, 1888, at $1.50 per day | 27 00 |
| 10 tons of coal and 1 cord of wood, sawed and split | 60 00 |
| Gas | 40 00 |
| Ice | 35 00 |
| Cleaning and relaying carpets | 15 00 |
| 40 feet hose, couplings, etc | 10 00 |
| Amount carried forward | $655 00 |

| | |
|---|---|
| Amount brought forward | $655 00 |
| Brushes, brooms, buckets, scuttles, shovels, soap, pearline, towels, tumblers, etc. | 40 00 |
| Removing ashes, etc. | 5 00 |
| Incidentals | 50 00 |
| 3 rugs | 10 50 |
| 3 cocoa mats | 7 50 |
| 1 step-ladder and brass fender | 12 00 |
| | $780 00 |

Respectfully submitted,

JAMES DONNELLY, *Janitor.*

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BALTIMORE, January 31, 1889.

JOHN A. ROBB, ESQ., *City Register:*

Showing the amounts required for the City Commissioner's Department for the year ending December 31, 1889:

| | |
|---|---|
| Repairs of sewers and inlets | $ 10,000 00 |
| " of bridges | 6,000 00 |
| " paved streets | 85,000 00 |
| " unpaved streets | 1,500 00 |
| Flag and stepping stones | 10,000 00 |
| Paving and repaving in front of city property | 1,000 00 |
| Paving and repaving "cross streets" | 10,000 00 |
| Amount carried forward | $123,500 00 |

| | |
|---|---|
| Amount brought forward | $123,500 00 |
| Salaries | 9,000 00 |
| Livery | 1,000 00 |
| Incidentals | 100 00 |
| Light street bridge | 5,000 00 |
| Maintenance of floor of Calvert street bridge | 536 05 |
| Maintenance of floor of St. Paul street bridge | 946 27 |
| Repairs of roads, streets, bridges, etc., in the annex | 30,000 00 |
| To complete sewer in Fulton avenue north to Presbury street | 23,000 00 |
| | $193,082 32 |

Respectfully submitted,

A. E. SMYRK,

*City Commissioner.*

---

BALTIMORE, January 9, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The following is the estimate of the expenses of this Department for the year ending December 31, 1889:

| | |
|---|---|
| Gas (3,000,000 cubic feet at $1.25 per thousand) | $3,750 00 |
| Coal and wood | 2,700 00 |
| Cleaning City Hall | 7,320 00 |
| Repairs to furniture and gas fixtures | 1,500 00 |
| Amount carried forward | $15,270 00 |

| | |
|---|---|
| Amount brought forward | $15,270 00 |
| Ice | 500 00 |
| Brushes, buckets, brooms, soap, etc | 360 00 |
| Removing ashes and dirt | 165 00 |
| Winding tower clock, fire alarm striker, regulating and repairing all clocks in the hall, batteries, etc | 500 00 |
| Laborer, to general work about the Hall | 720 00 |
| New furniture | 500 00 |
| Window shades | 125 00 |
| Incidentals, spittoons, muslin, tools, sand, cleaning portico, etc | 500 00 |
| Cleaning and relaying carpets | 300 00 |
| New carpets, oil cloths, rugs, mats, etc | 1,025 00 |
| | $19,965 00 |

I would also request that an appropriation of two thousand ($2,000) dollars be made for the recarpeting and reupholstering of the City Council chambers.

Respectfully submitted,

W. P. Ryan,

*Superintendent City Hall.*

---

Baltimore, January 4, 1889.

John A. Robb, Esq., *City Register:*

Dear Sir—The following estimates of the expenses for the Health Department for the present year have

been carefully made up and are based upon the experience of absolute necessities:

| | |
|---|---|
| General health | $15,000 00 |
| Salaries | 32,300 00 |
| Nuisance and sewers | 15,000 00 |
| Quarantine Hospital | 20,000 00 |
| Post mortems (by ordinance) | 1,000 00 |
| | $83,300 00 |

CITY ANNEX.

| | |
|---|---|
| 4 sanitary inspectors, $500 each | $2,000 00 |
| 2 vaccine physicians, $300 each | 600 00 |
| Nuisance and sewers | 2,500 00 |
| | $5,100 00 |

Respectfully submitted,

JAMES A. STEUART, M.D.,
*Commissioner of Health.*

---

BALTIMORE, January 4, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The following is the estimate of expenses for the Department of Street Cleaning for the year 1889:

| | |
|---|---|
| 135 garbage carts and men at $18 per week | $126,360 00 |
| 56 street carts and men at $18 per week | 52,416 00 |
| Amount carried forward | $178,776 00 |

| | |
|---|---|
| Amount brought forward | $178,776 00 |
| 125 sweepers and scrapers at $10 per week. | 65,000 00 |
| Contract for removal of garbage | 8,000 00 |
| Salaries | 9,000 00 |
| Dumps | 4,500 00 |
| Tools and incidentals | 1,850 00 |
| | $267,126 00 |
| Removal of snow | 5,000 00 |
| | $272,126 00 |

CITY ANNEX.

| | |
|---|---|
| 11 garbage carts and men at $18 per week. | $10,296 00 |
| 3 street carts and men at $18 per week | 2,808 00 |
| 6 sweepers and scrapers at $10 per week | 3,120 00 |
| Salary of Superintendent | 1,000 00 |
| Tools and incidentals | 60 00 |
| | $17,284 00 |

Respectfully submitted,

B. E. SMITH,

*Commissioner of Street Cleaning.*

---

BALTIMORE, January 5, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—I have the honor to state that the probable requirements of the Harbor Board for the fiscal year 1889 will be as follows:

| | | |
|---|---|---|
| Harbor, including Middle Branch | | $50,000 00 |
| Ice-boat, repair and maintenance: | | |
| Unexpended balance | $ 355 64 | |
| New appropriation | 11,644 36 | |
| | | 12,000 00 |
| Repairs of wharves | | $ 4,000 00 |
| New wall in City Dock: | | |
| Unexpended balance | $1,355 86 | |
| New appropriation | 8,644 14 | |
| | | 10,000 00 |
| Bulkhead at Little Hawkins' Point: | | |
| For completion of work | | $ 3,000 00 |
| Sea wall at Old Marine Hospital: | | |
| For commencement of work | | 10,000 00 |

Respectfully, etc.,

N. H. Hutton, *Engineer, Etc.*

---

Baltimore, January 5, 1889.

John A. Robb, Esq., *City Register:*

Dear Sir—I estimate that it will require eight thousand dollars ($8,000) for supplying stationery, blank books, and printed matter for the several departments of the city government for the year 1889.

Very respectfully,

Samuel D. Smith,

*City Librarian.*

BALTIMORE, January 5, 1889.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The estimated expenses for the Board of Supervisors of Elections for the year 1889 are as follows:

| | |
|---|---|
| For salaries | $4,750 00 |
| For extra help and incidentals | 1,250 00 |
| Total | $6,000 00 |

Respectfully submitted,

J. B. STAFFORD,

*President Board of Supervisors of Elections.*

# REPORT OF

# THE DEPARTMENT OF FINANCE

## FOR THE YEAR 1888.

# REPORT.

DEPARTMENT OF FINANCE,

BALTIMORE, December 31st, 1888.

*To the Honorable the Members of the*
*First and Second Branches of the City Council:*

GENTLEMEN:

The Commissioners of Finance have the honor to submit herewith, for your consideration, statements in detail exhibiting their transactions during the year, as follows:

1. A summary of receipts and payments on account of the various Sinking Funds.

2. A statement of stocks and bonds purchased for the Sinking Funds.

3. A statement showing the condition of the Redemption and Sinking Funds.

4. A statement of the condition of the Enoch Pratt Free Library Sinking Fund.

5. A statement of the condition of the Horwitz Benevolent Fund.

6. A schedule of the real estate and ground rents from which income is derived.

7. A statement of the Funded and Guaranteed Debt.

8. A balance sheet of the Sinking Funds' ledger.

9. A statement of the indebtedness of the Western Maryland Railroad Company to the city.

10. A statement of the total liabilities of the Western Maryland Railroad Company.

The matters embraced in the foregoing are exhibited under the respective heads in a detailed form in the appendix to this report.

## 1.—Receipts and Payments.

The receipts have been derived as follows:

| | | |
|---|---|---|
| From Baltimore and Ohio Railroad Company, on account of purchase of Pittsburg and Connellsville Railroad Bonds.... | $ 40,000 | 00 |
| From interest upon stocks and investments..... | 326,569 | 45 |
| From rental of real estate.. | 26,956 | 10 |
| From sales of fractions of stocks..... ..... | 281 | 28 |
| Amount carried forward. | $393,806 | 83 |

| | | |
|---|---|---|
| Amount brought forward. | $393,806 83 | |
| From city passenger railway companies | 19,160 46 | |
| From Western Maryland Railroad Company for rent of Hillen Station, under contract, by Ordinance No. 97, of 1875 | 16,000 00 | |
| From Western Maryland Railroad Company for rent of terminal depot, under contract, by Ordinance No. 92, of 1882 | 9,181 48 | |
| From premium on sale of $400,000 Water 4 per cent. 1926 Loan | 29,765 00 | |
| From executors of Orville Horwitz, deceased | 10,000 00 | |
| From cash to credit of sinking funds, December 31, 1887 | 194,938 55 | |
| | | $672,852 32 |

The payments have been as follows:

| | | |
|---|---|---|
| For investment purchases | $355,220 02 | |
| For interest on stock debt | 112,440 00 | |
| For redemption of Valley Railroad 6 per cent. 1886 Loan | 300 00 | |
| For redemption of Water 6 per cent. 1875 Loan | 900 00 | |
| Amounts carried forward. | $468,860 02 | $672,852 32 |

| | | |
|---|---|---|
| Amounts brought forward. | $468,860 02 | $672,852 32 |
| For redemption of One Million 6 per cent. 1886 Loan. | 200 00 | |
| For redemption of Consolidated 5 per cent. 1885 Loan | 200 00 | |
| For redemption of Western Maryland Railroad bonds and scrip | 360 00 | |
| For purchase of ground rent, as per Ordinance No. 81, of 1881 | 12,784 88 | |
| For sundry expenses (as detailed in Statement No. 1 of Appendix) | 2,714 61 | |
| | | $485,119 51 |
| Cash in bank to credit of funds | | $187,732 81 |

2.—Investment Purchases of Stocks and Bonds.

| | |
|---|---|
| This statement is submitted in obedience to Article XLII, Section 13, of the Baltimore City Code, and exhibits in detail the purchase of stocks and bonds amounting to $345,225.11, at an average cost of 102.89½ per cent., the total cost of said purchase being | $355,220 02 |

### 3.—The Redemption and Sinking Funds.

Exhibiting in detail the amount and condition of the investments of the funds, as shown by the books of the Commissioners of Finance, as follows:

| | | |
|---|---|---|
| General Sinking Fund | $5,418,236 47 | |
| Public Park Sinking Fund | 656,442 62 | |
| Hillen Station Sinking Fund | 31,250 03 | |
| Western Maryland Railroad Terminal Company Sinking Fund | 7,687 86 | |
| Western Maryland Railroad 1925 Loan Sinking Fund | 48,197 15 | |
| Western Maryland Railroad 1927 Loan Sinking Fund | 104,347 00 | |
| Water 4 per cent 1926 Loan Sinking Fund | 27,793 39 | |
| | | $6,293,954 52 |

*Other Productive Investments.*

| | | |
|---|---|---|
| Real estate as shown in Statement No. 6, from which an annual rental of $10,225.11 is derived. This sum capitalized at six per cent. is worth | $170,418 50 | |
| Amts. carried forward | $170,418 50 | $6,293,954 52 |

| | | |
|---|---|---|
| Amts. brought forward.. | $170,418 50 | $6,293,954 52 |
| 550 shares Baltimore and Reisterstown Turnpike stock ..... | 2,062 50 | |
| 137 shares Baltimore and Frederick Turnpike stock .... ..... | 456 66 | |
| 625 shares Baltimore and Yorktown Turnpike stock .... ..... | 3,125 00 | |
| | | $176,062 66 |

*Unproductive Investments.*

| | | |
|---|---|---|
| 4,000 shares Western Maryland Railroad stock .... .... .....$ | 200,000 00 | |
| Western Maryland Rail- Company's mortgage to secure endorsement.... | 875,000 00 | |
| Western Maryland Railroad Company, loan of city stock.... ..... | 1,000,000 00 | |
| Western Maryland Railroad Company, accrued interest advanced upon bonds guaranteed and stock loaned..... | 2,268,000 00 | |
| $83,000 Philadelphia and Reading Railroad, 3rd preference income mortgage bonds and $600 scrip..... | 83,600 00 | |
| Amts. carried forward..$ | 4,426,600 00 | $6,470,017 18 |

| | | |
|---|---|---|
| Amts. brought forward. | $4,426,600 00 | $6,470,017 18 |
| 10,000 shares of Valley Railroad Company of Virginia stock..... | 1,000,000 00 | |
| 120 shares of Baltimore and Havre de Grace Turnpike stock..... | NO VALUE. | |
| | | $5,426,600 00 |
| | | $11,896,617 18 |

INCREMENT OF THE SINKING FUNDS.

| | | |
|---|---|---|
| The increment of the Sinking Funds from December 31, 1887, to December 31, 1888, amounting to..... | | $254,713 13 |
| Was derived thus: | | |
| From interest upon investments..... | $281,660 95 | |
| From rent of Hillen Stat'n. $16,000 00 | | |
| Less amount set apart for sinking fund. 2,000 00 | | |
| | 14,000 00 | |
| From rent of West. Md. R. R. Terminal Company depot..... 9,181 48 | | |
| Less amount set apart for sinking fund. 1,311 60 | | |
| | 7,869 88 | |
| Amt. carried forward... | $303,530 83 | |

| | | |
|---|---|---|
| Amt. brought forward.. | $303,530 83 | |
| From City Pasenger Railway Company.. ..... | 6,161 26 | |
| From Citizens' Passenger Railway Company.... | 3,547 29 | |
| From Central Passenger Railway Company.... | 1,489 18 | |
| From North Baltimore Passenger Railway Company..... | 4,111 33 | |
| From York Road Passenger Railway Company. | 299 13 | |
| From Union Passenger Railway Company..... | 1,692 71 | |
| From People's Passenger Railway Company..... | 1,630 21 | |
| From Highlandtown and Point Breeze Railway Company..... | 229 35 | |
| From rental of real estate | 26,956 10 | |
| From premium on sales of $400,000 Water 1926 Loan ..... .... | 29,765 00 | $379,412 39 |
| Deduct: | | |
| Amount paid for interest on Western Maryland Railroad 1902 Loan.... | $60,000 00 | |
| Amount paid for interest on Western Maryland Railroad Guaranteed Bonds..... | 52,440 00 | |
| Amts. carried forward. | $112,440 00 | $379,412 39 |

| | | |
|---|---|---|
| Amts. brought forward. | $112,440 00 | $379,412 39 |
| Amount paid for premium on stock purchased | 7,617 76 | |
| Amount paid for accrued rent on ground rent purchased | 168 22 | |
| Amount of accrued rent erroneously charged as part of *cost* of a ground rent purchased May 7, 1886 | 158 67 | |
| Amount paid for sundry expenses | 2,714 61 | |
| Amount paid for redemption of Valley Railroad 1886 Loan | 300 00 | |
| Amount paid for redemption of Water 1875 Loan | 900 00 | |
| Amount paid for redemption of One Million 1886 Loan | 200 00 | |
| Amount paid for redemption of Consolidated 1885 Loan | 200 00 | $124,699 26 |
| | | $254,713 13 |

And disbursed as shown by Statement No. 1 of Appendix.

4.—Enoch Pratt Free Library Sinking Fund.

This statement shows the condition of the Enoch Pratt Free Library Sinking Fund on December 31, 1888, under the control of the Commissioners of Finance,

who are required "to invest the interest upon the investments in the sinking fund, and the interest upon the interest, as the same shall be received, in the public debt of the city of Baltimore, until the annual income from said investments shall reach the sum of fifty thousand dollars." (Article 38 A, Section 8, Supplement to City Code of 1885).

### 5.—The Horwitz Benevolent Fund.

This statement shows the condition of the Horwitz Benevolent Fund under the management of the Commissioners of Finance, who, on December 28, 1888, under authority of Resolution No. 7 of the Mayor and City Council of Baltimore, approved December 7, 1888, accepted from the executors of Orville Horwitz, upon the terms and conditions contained in the last will and testament of said Orville Horwitz, late of Baltimore city, deceased, the sum of ten thousand dollars, which, with its increments, is, in the said last will and testament, directed to be known as the "Horwitz Benevolent Fund."

### 6.—Real-Estate and Ground Rents.

The schedule of real estate and ground rents presented in this form for convenience of reference embraces only so much of the city property as is in control and shown upon the books of this Board and from which income is derived by rentals.

The income derived from the public wharves and other valuable property being applied to current expenditures, does not appear in these accounts. (Baltimore City Code, Article XLII, Section 14).

## 7.—The Funded Debt and Guarantees.

| | |
|---|---|
| These issues at the present date amount to | $37,030,516 15 |
| At date of last report, December 31, 1887, they amounted to | 36,369,176 15 |
| Showing an increase during the past fiscal year of | $661,340 00 |

Thus:

| | | |
|---|---|---|
| Amount of Jones' Falls 3½ per cent. 1900 Loan issued | | $160,000 00 |
| Amount of Harford Run sewer 4 per cent. 1904 Loan issued | | 103,300 00 |
| Amount of water 4 per cent. 1926 Loan issued | | 400,000 00 |
| | | $663,300 00 |
| Less amount of Valley Railroad 1886 Loan redeemed | $ 300 00 | |
| Less amount of water 1875 Loan redeemed | 900 00 | |
| Less amount of one million 1886 Loan redeemed | 200 00 | |
| Amts. car'd forward. | $1,400 00 | $663,300 00 |

| | | | |
|---|---|---|---|
| Amts. bglit.forward. | $1,400 00 | $663,300 00 | |
| Less amount of Consolidated 5 per cent 1885 Loan redeemed.. | 200 00 | | |
| Less amount of Western Maryland Railroad bonds redeemed. | 360 00 | | |
| | | $1,960 00 | |
| | | | $661,340 00 |

INCREASE OF FUNDED DEBT AUTHORIZED.

| | | |
|---|---|---|
| The Jones' Falls Loan, by Ordinance No. 12, of 1870 | $ 28,000 00 | |
| The water 4 per cent. 1926 Loan, authorized by Ordinance No. 99, of 1887, which is supplementary to and amendatory of Ordinance No. 82, of 1886 | 600,000 00 | |
| The internal improvement 3½ per cent. 1928 Loan, authorized by Ordinance No. 98, of 1887... | 5,000,000 00 | |
| | | $5,628,000 00 |

THE FINANCIAL CONDITION OF THE CORPORATION.

| | | |
|---|---|---|
| Amount of funded debt, December 31, 1888 | $36,038,516 15 | |
| Amount of guaranteed debt, December 31, 1888 | 992,000 00 | |
| | | $37,030,516 15 |

Of this amount interest is provided or paid as follows:

| | | |
|---|---|---|
| The Baltimore and Ohio Railroad Company upon | $5,000,000 00 | |
| The Western Maryland Railroad Company upon | 2,388,000 00 | |
| The city passenger railway companies upon | 755,566 25 | |
| The Water Board, from income, upon | 9,900,000 00 | |
| The Union Railroad Company upon | 117,000 00 | |
| Overdue stock, no interest allowed | 6,327 96 | |
| Overdue Western Maryland Railroad bonds, no interest allowed | 2,930 00 | |
| | | 18,169,824 21 |
| | | $18,860,691 94 |

*Productive Investments.*

| | | | |
|---|---|---|---|
| Value of sinking funds. | | $6,293,954 52 | |
| 550 shares Baltimore and Reisterstown Turnpike stock | | 2,062 50 | |
| 137 shares Baltimore and Frederick Turnpike stock | | 456 66 | |
| 625 shares Baltimore and Yorktown Turnpike stock | | 3,125 00 | |
| Real estate, annual rental. | $10,225 11 | | |
| Wharf property, annual rental | 38,000 00 | | |
| Market houses, annual rental | 50,000 00 | | |
| | $98,225 11 | | |
| This provides interest upon | | 1,637,085 16 | |
| | | | $7,936,683 84 |

*Unproductive Investments.*

| | | |
|---|---|---|
| 32,500 shares Baltimore and Ohio Railroad stock | $3,250,000 00 | |
| 4,000 shares Western Maryland Railroad stock | 200,000 00 | |
| Amt. carried forward. | $3,450,000 00 | |

| | | |
|---|---|---|
| Amt. brought forward. | $3,450,000 00 | |
| Western Maryland Railroad Company, mortgages to secure endorsements and loan of city stock ..... | 3,579,000 00 | |
| Western Maryland Railroad Company accrued interest advanced..... | 2,268,000 00 | |
| 83,000 Philadelphia and Reading Railroad third mortgage preference income bonds, and $600 scrip..... | 83,600 00 | |
| 10,000 shares Valley Railroad of Virginia stock. | 1,000,000 00 | |
| 120 shares Baltimore and Havre de Grace Turnpike stock..... | NO VALUE. | |
| | | $10,380,600 00 |

The foregoing statement does not embrace any items connected with current receipts and expenditures, but refers only to the stock and bond liabilities of the corporation, and to investments specially set apart for the redemption of the same.

The accounts now submitted for your consideration exhibit in detail all the transactions of the past year.

| | |
|---|---|
| They show the receipts from all sources to have been..... | $672,852 32 |
| Amount carried forward..... | $672,852 32 |

| | | |
|---|---|---|
| Amount brought forward..... | | $672,852 32 |
| And the disbursements to have been as follows: | | |
| For investment purchases (see Statement No. 2, Appendix)..... | $355,220 02 | |
| For interest paid upon part of the funded and guaranteed debt..... | 112,440 00 | |
| For redemption of Western Maryland Railroad bonds and scrip..... | 360 00 | |
| For redemption of Valley Railroad 1886 Loan | 300 00 | |
| For redemption of Water 1875 Loan..... | 900 00 | |
| For redemption of One Million 1886 Loan.... | 200 00 | |
| For redemption of Consolidated 1885 Loan... | 200 00 | |
| For purchase of ground rent, as per Ordinance No. 81, of 1881..... | 12,784 88 | |
| For sundry expenses.... | 2,714 61 | |
| | | $485,119 51 |
| Balance, cash in bank to credit of funds..... | | $187,732 81 |
| The present value of the sinking funds is..... | | 6,293,954 52 |
| The value of the same on December 31, 1887, was..... | | 6,039,241 39 |
| Thus showing the increase during the year to be..... | | $254,713 13 |

A sale of $400,000 Water 4 per cent. 1926 Loan was made by public advertisement, inviting competitive bids, on April 26, 1888, at a premium of $29,765.

Sales of $103,300 Harford Run sewer 4 per cent. 1904 Loan were made from time to time at a premium of $4,427.25.

A sale of $160,000 Jones' Falls 3½ per cent. 1900 Loan was made on April 14, 1888, to the Commissioners of Finance, at par.

Respectfully submitted,

FERDINAND C. LATROBE, *Chairman*,
ENOCH PRATT,
JAMES SLOAN, JR.,

*Commissioners of Finance.*

JOHN A. ROBB,

*Clerk to Commissioners of Finance.*

# APPENDIX.

STATEMENT

Dr. *The Commissioners of Finance in account*

| | | |
|---|---|---|
| To balance, amount in bank to credit of sinking funds December 31, 1887 | | $194,938 55 |
| *To General Sinking Fund:* | | |
| Received from sales of fractions of stock | $ 281 28 | |
| Received from interest on stocks and investments | 241,084 95 | |
| Received from rental of real estate | 26,956 10 | |
| Received from rental of Hillen Station | 14,000 00 | |
| Received from rental of Western Maryland Railroad Terminal Depot | 7,869 88 | |
| Received for account of sale of Pittsburg and Connellsville Railroad Bonds | 40,000 00 | |
| | | 330,192 21 |
| *To Public Park Sinking Fund:* | | |
| Received from interest on stocks | $34,054 00 | |
| Amounts carried forward. | $34,054 00 | $525,130 76 |

No. 1.

*with the Mayor and City Council of Baltimore.* Cr.

*By General Sinking Fund:*

| | | |
|---|---|---|
| Purchased fractions of city stock | $ 25 | 11 |
| Purchased $160,000 Jones' Falls 3½ per cent. 1900 Loan | 160,000 | 00 |
| Purchased $68,200 Consolidated 6 per cent. 1890 Loan | 70,818 | 50 |
| Purchased redeemable ground rents, as authorized by Ordinance No. 81, of 1881 | 12,784 | 88 |
| Paid one year's interest on Western Maryland Railroad Company's 6 per cent. 1902 Loan | 60,000 | 00 |
| Paid one year's interest on Western Maryland Railroad Company's 6 per cent. Guaranteed Bonds | 52,440 | 00 |
| Paid for redemption of Valley Railroad 1886 Loan | 300 | 00 |
| Paid for redemption of Water 1875 Loan | 900 | 00 |
| Paid for redemption of One Million 1886 Loan | 200 | 00 |
| Amount carried forward. | $357,468 | 49 |

STATEMENT

Dr. *The Commissioners of Finance in account*

| | | |
|---|---|---|
| Amts. brought forward.. | $34,054 00 | $525,130 76 |
| Received from City Passenger Railway Company..... | 6,161 26 | |
| Received from Citizens' Passenger Railway Company..... | 3,547 29 | |
| Received from Central Passenger Railway Company | 1,489 18 | |
| Received from North Baltimore Passenger Railway Company..... | 4,111 33 | |
| Received from York Road Passenger Railway Company..... | 299 13 | |
| Received from Union Passenger Railway Company | 1,692 71 | |
| Received from Peoples' Passenger Railway Company ..... | 1,630 21 | |
| Received from Highlandtown and Point Breeze Railway Company..... | 229 35 | |
| | | 53,214 46 |
| Amt. carried forward... | | $578,345 22 |

No. 1—Continued.

*with the Mayor and City Council of Baltimore.* CR.

| | | |
|---|---|---|
| Amt. brought forward.. | $357,468 49 | |
| Paid for redemption of Consolidated 1885 Loan..... | 200 00 | |
| Paid for printing reports, books, etc..... | 447 00 | |
| Paid William P. Twamley for searching records, etc. | 760 00 | |
| Paid for clerical services.. | 300 00 | |
| Paid for sundry expenses.. | 210 00 | |
| | | $359,385 49 |
| *By Public Park Sinking Fund:* | | |
| Purchased $9,300 Consolidated 6 per cent. 1890 Loan..... | $ 9,760 01 | |
| Purchased $20,700 Five Million 6 per cent. 1890 Loan ..... | 21,412 00 | |
| Purchased $5,000 Water 4 per cent. 1926 Loan..... | 5,512 50 | |
| Purchased $4,000 Western Maryland Railroad 6 per cent. 1902 Loan..... | 5,030 00 | |
| | | 41,714 51 |
| Amt. carried forward... | | $401,100 00 |

STATEMENT

DR. *The Commissioners of Finance in account*

| | | |
|---|---|---|
| Amt. brought forward.. | | $578,345 22 |
| *To Hillen Station Sinking Fund:* | | |
| Received for interest on stocks..... | $1,514 50 | |
| Received from Western Maryland Railroad Company for one-eighth rent of station..... | 2,000 00 | |
| | | 3,514 50 |
| *To Western Maryland Railroad Terminal Company Sinking Fund:* | | |
| Received from interest on stocks..... | 384 00 | |
| Received from Western Maryland Railroad Company one-seventh rent of depot..... | 1,311 60 | |
| | | 1,695 60 |
| Amt. carried forward... | | $583,555 32 |

No. 1—Continued.

*with the Mayor and City Council of Baltimore.* Cr.

| | | |
|---|---|---|
| Amt. brought forward.. | | $401,100 00 |
| *By Hillen Station Sinking Fund:* | | |
| Purchased $500 Public Park 6 per cent. 1890 Loan.. | $ 531 25 | |
| Purchased $1,000 Consolidated 6 per cent. 1890 Loan ..... | 1,048 13 | |
| Purchased $1,600 City Hall 6 per cent. 1900 Loan... | 1,926 50 | |
| | | 3,505 88 |
| *By Western Maryland Railroad Terminal Company Sinking Fund:* | | |
| Purchased $1,100 Consolidated 6 per cent. 1890 Loan ..... | $1,152 38 | |
| Purchased $200 City Hall 6 per cent. 1900 Loan... | 240 50 | |
| Purchased $200 Funding 6 per cent. 1900 Loan... | 242 50 | |
| | | 1,635 38 |
| Amt. carried forward.. | | $406,241 26 |

STATEMENT

DR. *The Commissioners of Finance in account*

| | | |
|---|---|---|
| Amt. brought forward... | | $583,555 32 |
| *To Western Maryland Railroad* 1925 *Loan Sinking Fund:* | | |
| Received from interest on stocks ..... | | 2,369 00 |
| *To Western Maryland Railroad* 1927 *Loan Sinking Fund:* | | |
| Received from interest on stocks ..... | | 3,398 50 |
| *To Water* 1926 *Loan Sinking Fund:* | | |
| Received from premium on sale of $400,000 Water 4 per cent. 1926 Loan..... | 29,765 00 | |
| Received from interest on stocks ..... | 754 50 | |
| | | 30,519 50 |
| Amt. carried forward... | | $619,842 32 |

No 1—Continued.

*with the Mayor and City Council of Baltimore.* CR.

| | | |
|---|---|---|
| Amt. brought forward.. | | $406,241 26 |
| *By Western Maryland Railroad* 1925 *Loan Sinking Fund:* | | |
| Purchased $500 Western Maryland Railroad Third Mortgage Guaranteed Bonds..... | $ 598 75 | |
| Purchased $1,500 Consolidated 6 per cent. 1890 Loan ..... | 1,568 75 | |
| Purchased $100 City Hall 6 per cent. 1900 Loan... | 120 25 | |
| | | 2,287 75 |
| *By Western Maryland Railroad* 1927 *Loan Sinking Fund:* | | |
| Purchased $1,500 Western Maryland Railroad Third Mortgage Guaranteed Bonds..... | $1,796 25 | |
| Purchased $1,700 Consolidated 6 per cent. 1890 Loan ..... | 1,772 25 | |
| | | 3,568 50 |
| Amt. carried forward... | | $412,097 51 |

STATEMENT

DR. *The Commissioners of Finance in account*

| | |
|---|---|
| Amt. brought forward... | $619,842 32 |
| *To Enoch Pratt Free Library Sinking Fund:* | |
| Received from interest on stocks ..... | 43,010 00 |
| *To Horwitz Benevolent Fund:* | |
| Received from executors of Orville Horwitz, deceased | 10,000 00 |
| | $672,852 32 |

No. 1—Concluded.

*with the Mayor and City Council of Baltimore.* CR.

| | | |
|---|---|---|
| Amt. brought forward... | | $412,097 51 |
| *By Redemption of Western Maryland R. R. Bonds:* | | |
| Paid for redemption of scrip..... | | 360 00 |
| *By Water* 1926 *Loan Sinking Fund:* | | |
| Purchased $25,300 Consolidated 6 per cent. 1890 Loan ..... | $26,562 75 | |
| Purchased $2,300 City Hall 6 per cent. 1900 Loan... | 2,765 75 | |
| Paid for advertising, books, etc ..... | 997 61 | |
| | | 30,326 11 |
| *By Enoch Pratt Free Library Sinking Fund:* | | |
| Purchased $38,400 Consolidated 6 per cent. 1890 Loan ..... | $40,167 64 | |
| Purchased $2,100 Public Park 6 per cent. 1890 Loan ..... | 2,168 25 | |
| | | 42,335 89 |
| By balance, cash in bank to credit of Sinking Funds ..... | | 187,732 81 |
| | | $672,852 32 |

## STATEMENT No. 2.

"The Commissioners of Finance shall invest in city stock all moneys in their hands, or to their credit in bank, received for the sale or rent of city property, pledged for the redemption of the public debt; and shall also invest all moneys that may hereafter be received from the above-mentioned sources, as well as all interest accruing thereon, from time to time, and report to the City Council the amount purchased, and the dates and prices at which they were purchased." (Article XLII, Section 13, City Code).

| DATE. | NAME OF SINKING FUND. | AMOUNT PURCHASED. | DESCRIPTION OF STOCK. | AMOUNT PAID. |
|---|---|---|---|---|
| 1888. | | | | |
| Jan. 12 | Public Park..... | $ 700 00 | Consolidated 6 per ct. 1890 Loan | $ 734 13 |
| " 12 | " " ..... | 400 00 | Five Million 6 per ct. 1890 " | 415 00 |
| " 13 | " " ..... | 2,900 00 | Consolidated 6 per ct. 1890 " | 3,057 75 |
| " 17 | Pratt Library..... | 1,600 00 | " 6 per ct. 1890 " | 1,678 00 |
| " 20 | " " ..... | 2,000 00 | " 6 per ct. 1890 " | 2,100 00 |
| " 20 | W. Md. Terminal Co..... | 300 00 | " 6 per ct. 1890 " | 315 00 |
| " 21 | " 1927 Loan..... | 1,500 00 | W. Md. R. R. 3d mortgage bonds | 1,796 25 |
| " 21 | " 1925 " ..... | 500 00 | " " " " " | 598 75 |
| Feb. 1 | Hillen Station..... | 500 00 | Public Park 6 per ct. 1890 Loan | 531 25 |
| Mar. 2 | Public Park..... | 3,000 00 | Consolidated 6 per ct. 1890 " | 3,183 75 |
| " 2 | " " ..... | 1,000 00 | Five Million 6 per ct. 1890 " | 1,052 50 |
| " 2 | " " ..... | 200 00 | " " 6 per ct. 1890 " | 210 50 |

| | | | | | |
|---|---|---|---|---|---|
| Mar. 19 | Public Park | 600 00 | Consolidated 6 per ct. 1890 Loan | | 627 00 |
| " 20 | " " | 200 00 | " 6 per ct. 1890 " | | 209 00 |
| Ap'l 13 | " " | 2,400 00 | Five Million 6 per ct. 1890 " | | 2,508 00 |
| " 13 | Pratt Library | 2,500 00 | Consolidated 6 per ct. 1890 " | | 2,640 63 |
| " 14 | Public Park | 600 00 | Five Million 6 per ct. 1890 " | | 627 00 |
| " 14 | General | 160,000 00 | Jones' Falls 3½ per c. 1900 " | | 160,000 00 |
| " 18 | Pratt Library | 600 00 | Consolidated 6 per ct. 1890 " | | 633 00 |
| " 19 | " " | 1,200 00 | " 6 per ct. 1890 " | | 1,264 50 |
| " 19 | W. Md. Terminal Co. | 300 00 | " 6 per ct. 1890 " | | 316 13 |
| " 19 | Hillen Station | 500 00 | " 6 per ct. 1890 " | | 526 88 |
| " 20 | W. Md. 1925 Loan | 500 00 | " 6 per ct. 1890 " | | 526 25 |
| May 11 | Pratt Library | 4,000 00 | " 6 per ct. 1890 " | | 4,200 00 |
| " 11 | Public Park | 5,000 00 | Water 4 per ct. 1926 " | | 5,512 50 |
| " 12 | Pratt Library | 3,100 00 | Consolidated 6 per ct. 1890 " | | 3,258 88 |
| " 14 | " " | 3,900 00 | " 6 per ct. 1890 " | | 4,099 88 |
| " 15 | " " | 1,000 00 | " 6 per ct. 1890 " | | 1,050 00 |
| " 22 | Water—1926 Loan | 13,000 00 | " 6 per ct. 1890 " | | 13,650 00 |
| " 23 | " —1926 " | 4,000 00 | " 6 per ct. 1890 " | | 4,200 00 |
| " 24 | " —1926 " | 1,000 00 | " 6 per ct. 1890 " | | 1,050 00 |
| " 25 | " —1926 " | 7,000 00 | " 6 per ct. 1890 " | | 7,350 00 |
| July 3 | Public Park | 7,700 00 | Five Million 6 per ct. 1890 " | | 7,931 00 |
| " 7 | " " | 300 00 | " " 6 per ct. 1890 " | | 309 00 |
| " 16 | W. Md. 1927 Loan | 1,700 00 | Consolidated 6 per ct. 1890 " | | 1,772 25 |
| | Amts. carried forward | $235,700 00 | | | $239,914 78 |

STATEMENT No. 2—Continued.

| DATE. | NAME OF SINKING FUND. | AMOUNT PURCHASED. | DESCRIPTION OF STOCK. | AMOUNT PAID. |
|---|---|---|---|---|
| 1888. | Amts. brought forward.. | $235,700 00 | ..... | $239,914 78 |
| July 16 | Water—1926 Loan..... | 300 00 | Consolidated 6 per ct. 1890 Loan | 312 75 |
| " 16 | W. Md. 1925 Loan..... | 1,000 00 | " 6 per ct. 1890 " | 1,042 50 |
| " 16 | " Terminal Co Loan. | 500 00 | " 6 per ct. 1890 " | 521 25 |
| " 16 | Hillen Station..... | 500 00 | " 6 per ct. 1890 " | 521 25 |
| " 16 | Pratt Library..... | 4,000 00 | " 6 per ct. 1890 " | 4,170 00 |
| Aug. 16 | Public Park..... | 200 00 | Five Million 6 per ct. 1890 " | 207 00 |
| " 21 | " " ..... | 2,600 00 | " " 6 per ct. 1890 " | 2,691 00 |
| " 27 | " " ..... | 2,200 00 | " " 6 per ct. 1890 " | 2,277 00 |
| Sep. 22 | " " ..... | 1,500 00 | Consolidated 6 per ct. 1890 " | 1,554 38 |
| " 28 | " " ..... | 1,000 00 | Five Million 6 per ct. 1890 " | 1,026 25 |
| Oct. 1 | " " ..... | 300 00 | Consolidated 6 per ct. 1890 " | 310 50 |
| " 4 | " " ..... | 100 00 | " 6 per ct. 1890 " | 103 50 |
| " 4 | " " ..... | 2,100 00 | Five Million 6 per ct. 1890 " | 2,157 75 |
| " 9 | Water—1926 Loan..... | 2,300 00 | City Hall 6 per ct. 1900 " | 2,765 75 |
| " 9 | Pratt Library..... | 3,400 00 | Consolidated 6 per ct. 1890 " | 3,531 75 |
| " 9 | W. Md. 1925 Loan..... | 100 00 | City Hall 6 per ct. 1900 " | 120 25 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Oct. | 9 | Hillen Station | 1,100 00 | City Hall | 6 per ct. | 1900 | Loan | 1,322 75 |
| " | 9 | W. Md. Terminal Co | 200 00 | " " | 6 per ct. | 1900 | " | 240 50 |
| " | 16 | Pratt Library | 1,200 00 | Consolidated | 6 per ct. | 1890 | " | 1,245 00 |
| Nov. | 3 | General | 2,200 00 | " | 6 per ct. | 1890 | " | 2,282 50 |
| | | " | 2,500 00 | " | 6 per ct. | 1890 | " | 2,593 75 |
| " | 8 | " | 2,500 00 | " | 6 per ct. | 1890 | " | 2,593 85 |
| " | 12 | Public Park | 4,000 00 | W. Md. R. R. | 6 per ct. | 1902 | " | 5,030 00 |
| " | 13 | General | 2,200 00 | Consolidated | 6 per ct. | 1890 | " | 2,282 50 |
| " | 16 | " | 23,000 00 | " | 6 per ct. | 1890 | " | 23,891 25 |
| " | 16 | " | 3,900 00 | " | 6 per ct. | 1890 | " | 4,046 25 |
| " | 17 | " | 1,000 00 | " | 6 per ct. | 1890 | " | 1,037 50 |
| " | 22 | Pratt Library | 1,600 00 | " | 6 per ct. | 1890 | " | 1,664 00 |
| " | 24 | " " | 700 00 | " | 6 per ct. | 1890 | " | 728 00 |
| " | 24 | " " | 2,100 00 | Public Park | 6 per ct. | 1890 | " | 2,168 25 |
| " | 26 | " " | 2,100 00 | Consolidated | 6 per ct. | 1890 | " | 2,184 00 |
| " | 27 | Hillen Station | 500 00 | City Hall | 6 per ct. | 1900 | " | 603 75 |
| " | 27 | W. Md. Terminal Co | 200 00 | Funding | 6 per ct. | 1900 | " | 242 50 |
| " | 27 | General | 13,100 00 | Consolidated | 6 per ct. | 1890 | " | 13,624 00 |
| " | 27 | Pratt Library | 5,500 00 | " | 6 per ct. | 1890 | " | 5,720 00 |
| " | 30 | General | 5,500 00 | " | 6 per ct. | 1890 | " | 5,720 00 |
| Dec. | 1 | " | 3,000 00 | " | 6 per ct. | 1890 | " | 3,120 00 |
| " | 6 | " | 800 00 | " | 6 per ct. | 1890 | " | 832 00 |
| " | 10 | " | 1,800 00 | " | 6 per ct. | 1890 | " | 1,872 00 |
| | | Amts. carried forward | $338,500 00 | | | | | $348,271 91 |

## STATEMENT No. 2—Continued.

| DATE. | NAME OF SINKING FUND. | AMOUNT PURCHASED. | DESCRIPTION OF STOCK. | AMOUNT PAID. |
|---|---|---|---|---|
| 1888. | Amts. brought forward.. | $338,500 00 | ..... | $348,271 91 |
| Dec. 10 | General..... | 1,700 00 | Consolidated 6 per ct. 1890 Loan | 1,768 00 |
| " 10 | " ..... | 2,000 00 | " 6 per ct. 1890 " | 2,080 00 |
| " 13 | " ..... | 1,000 00 | " 6 per ct. 1890 " | 1,025 00 |
| " 19 | " ..... | 2,000 00 | " 6 per ct. 1890 " | 2,050 00 |
| " 31 | " ..... | 25 11 | Fractions of stock..... | 25 11 |
| | | $345,225 11 | | $355,220 02 |

## STATEMENT No. 2—Concluded.

RECAPITULATION.

| DATE. | NAME OF SINKING FUND. | AMOUNT PURCHASED. | DESCRIPTION OF STOCK. | AMOUNT PAID. |
|---|---|---|---|---|
| 1888. | | | | |
| Dec. 31 | General | $160,000 00 | Three $\frac{5}{100}$ per cent. stock | $160,000 00 |
| " 31 | " | 68,225 11 | Six per cent. stock | 70,843 61 |
| " 31 | Public Park | 34,000 00 | " " " " | 36,202 01 |
| " 31 | " " | 5,000 00 | Four " " " | 5,512 50 |
| " 31 | Pratt Library | 40,500 00 | Six " " " | 42,335 89 |
| " 31 | Hillen Station | 3,100 00 | " " " " | 3,505 88 |
| " 31 | W. Md. 1925 Loan | 2,100 00 | " " " " | 2,287 75 |
| " 31 | " 1927 " | 3,200 00 | " " " " | 3,568 50 |
| " 31 | " Terminal Co | 1,500 00 | " " " " | 1,635 38 |
| " 31 | Water—1926 Loan | 27,600 00 | " " " " | 29,328 50 |
| | | $345,225 11 | | $355,220 02 |

## STATEMENT No. 3.

Condition of Sinking Funds, December 31, 1888.

*General Sinking Fund:*

| | | |
|---|---|---|
| Consolidated 6 per cent. 1890 Loan | $ 149,539 42 | |
| Five Million 6 per cent. 1890 Loan | 122,608 15 | |
| City Hall 6 per cent. 1900 Loan | 56,600 00 | |
| City Hall 6 per cent. 1902 Loan | 13,400 00 | |
| Funding 6 per cent. 1900 Loan | 134,600 00 | |
| Western Maryland Railroad 6 per cent. 1902 Loan | 20,800 00 | |
| Park Improvement 6 per cent. 1895 Loan | 72,158 80 | |
| Public Park 6 per cent. 1890 Loan | 10,454 85 | |
| Consolidated 6 per cent. 1893 Loan | 1,250,341 38 | |
| Jones' Falls 6 per cent. 1900 Loan | 5,100 00 | |
| Exempt 6 per cent. 1893 Loan | 353 87 | |
| | | $1,835,956 47 |
| Amt. carried forward. | | $1,835,856 47 |

STATEMENT No. 3—Continued

| | | |
|---|---|---|
| Amt. brought forward.. | | $1,835,956 47 |
| Water 5 per cent. 1894 Loan..... | 395,300 00 | |
| Jones' Falls 5 per cent. 1900 Loan..... | 120,500 00 | |
| Water 5 per cent. 1916 Loan..... | 7,400 00 | |
| | | 523,200 00 |
| Harford Run 4 per cent. 1920 Loan..... | 36,000 00 | |
| Western Maryland Railroad 4 per cent. 1925 Loan..... | 109,200 00 | |
| Patterson Park 4 per cent. 1920 Loan..... | 5,000 00 | |
| | | 150,200 00 |
| Jones' Falls 3½ per cent. 1900 Loan..... | | 160,000 00 |
| Western Maryland Railroad 3¼ per cent. 1927 Loan..... | | 699,700 00 |
| Jones' Falls 3 per cent. 1900 Loan..... | | 14,500 00 |
| Union Railroad Company First Mortgage Guaranteed Bonds..... | | 87,500 00 |
| Western Maryland Railroad Company First Mortgage Guaranteed Bonds..... | | 43,500 00 |
| Amt. carried forward... | | $3,514,556 47 |

STATEMENT No. 3—Continued.

| | | |
|---|---|---|
| Amt. brought forward.. | | $3,514,556 47 |
| Western Maryland Railroad Company Third Mortgage (registered) Guaranteed Bonds. .... | | 207,000 00 |
| Western Maryland Railroad Company Third Mortgage (coupon) Guaranteed Bonds..... | | 18,000 00 |
| Western Maryland Railroad Company Second Preferred Mortgage (coupon) Bonds..... | | 178,500 00 |
| Western Maryland Railroad Company Funding Certificates.... ..... | | 226,530 00 |
| Western Maryland Railroad Company unendorsed coupons of First Mortgage Bonds..... | | 71,742 00 |
| Obligation of Baltimore and Ohio Railroad Company, received for claim of Mayor and City Council against the Pittsburg and Connellsville Railroad Company, as authorized by Ordinance No. 47, of 1875..... | $1,000,000 00 | |
| Amts. carried forward.. | $1,000,000 00 | $4,216,328 47 |

STATEMENT No. 3—Continued.

| | | |
|---|---|---|
| Amts. brought forward. | $1,000,000 00 | $4,216,328 47 |
| Less amount paid by Baltimore and Ohio Railroad Company, on account of purchase..... | 520,000 00 | |
| | | 480,000 00 |
| Hillen Station property... | $200,000 00 | |
| Less amount of Sinking Fund set apart for the repayment of the cost thereof..... | 31,250 03 | |
| | | 168,749 97 |
| Amount invested in depot property of the Western Maryland Railroad Terminal Company, as per Ordinance No. 92, of 1882..... | $131,163 81 | |
| Less amount of Sinking Fund set apart for the repayment of the same. | 7,687 86 | |
| | | 123,475 95 |
| Ground rents, purchase of which was authorized by Ordinance No. 81, of 1881..... | | 268,235 27 |
| Cash..... | | 161,446 81 |
| | | $5,418,236 47 |

STATEMENT No. 3—Continued.

| | | |
|---|---|---|
| *Public Park Sinking Fund:* | | |
| Consolidated 6 per cent. 1890 Loan | $133,400 00 | |
| Five Million 6 per cent. 1890 Loan | 62,800 00 | |
| City Hall 6 per cent. 1900 Loan | 8,600 00 | |
| Funding 6 per cent. 1900 Loan | 1,700 00 | |
| Park Improvement 6 per cent. 1895 Loan | 9,600 00 | |
| Public Park 6 per cent. 1890 Loan | 17,000 00 | |
| Consolidated 6 per cent. 1893 Loan | 139,500 00 | |
| Exempt 6 per cent. 1893 Loan | 900 00 | |
| Western Maryland Railroad 6 per cent. 1902 Loan | 11,300 00 | |
| Jones' Falls 6 per cent. 1900 Loan | 1,300 00 | |
| | | $386,100 00 |
| Jones' Falls 5 per cent. 1900 Loan | $95,000 00 | |
| Water 5 per cent. 1894 Loan | 93,500 00 | |
| Funding 5 per cent. 1916 Loan | 16,000 00 | |
| | | 204,500 00 |
| Amt. carried forward | | $590,600 00 |

STATEMENT No. 3—Continued.

| | | |
|---|---|---|
| Amt. brought forward.. | | $590,600 00 |
| Harford Run 4 per cent. 1920 Loan..... | $14,000 00 | |
| Paving 4 per cent. 1920 Loan..... | 31,000 00 | |
| Harford Run Sewer 4 per cent. 1904 Loan..... | 1,700 00 | |
| Water 4 per cent. 1926 Loan..... | 5,000 00 | |
| | | 51,700 00 |
| Jones' Falls 3 per cent. 1900 Loan..... | | 1,900 00 |
| Cash..... | | 12,242 62 |
| | | $656,442 62 |

*Hillen Station Sinking Fund:*

| | | |
|---|---|---|
| Consolidated 6 per cent. 1890 Loan..... | $4,500 00 | |
| Five Million 6 per cent. 1890 Loan..... | 600 00 | |
| City Hall 6 per cent. 1900 Loan..... | 2,900 00 | |
| Consolidated 6 per cent. 1893 Loan..... | 100 00 | |
| Western Maryland Railroad 6 per cent. 1902 Loan..... | 2,700 00 | |
| Amt. carried forward.. | $10,800 00 | |

STATEMENT No. 3—Continued.

| | | |
|---|---|---|
| Amt. brought forward.. | $10,800 00 | |
| Funding 6 per cent. 1900 Loan ..... | 100 00 | |
| Jones' Falls 6 per cent. 1900 Loan..... | 400 00 | |
| Park Improvement 6 per cent 1895 Loan..... | 1,000 00 | |
| Public Park 6 per cent. 1890 Loan..... | 500 00 | |
| | | $12,800 00 |
| Western Maryland Railroad 6 per cent. Third Mortgage Guaranteed Bond..... ..... | | 500 00 |
| Jones' Falls 5 per cent. 1900 Loan..... .... | $8,000 00 | |
| Water 5 per cent. 1894 Loan. ..... | 4,700 00 | |
| Funding 5 per cent. 1916 Loan ..... | 1,900 00 | |
| | | 14,600 00 |
| Paving 4 per cent. 1920 Loan ..... | | 3,000 00 |
| Cash ..... ..... | | 350 03 |
| | | $31,250 03 |

STATEMENT No. 3—Continued.

| | | |
|---|---|---|
| *Western Maryland Railroad Terminal Company Sinking Fund:* | | |
| Consolidated 6 per cent. 1890 Loan | $3,300 00 | |
| Five Million 6 per cent. 1890 Loan | 300 00 | |
| Consolidated 6 per cent. 1893 Loan | 100 00 | |
| City Hall 6 per cent. 1900 Loan | 1,000 00 | |
| City Hall 6 per cent. 1902 Loan | 100 00 | |
| Western Maryland Railroad 6 per cent. 1902 Loan | 800 00 | |
| Funding 6 per cent. 1900 Loan | 500 00 | |
| Jones' Falls 6 per cent. 1900 Loan | 300 00 | |
| | | 6,400 00 |
| Western Maryland Railroad 6 per cent. Third Mortgage Guaranteed Bonds | | 1,000 00 |
| Cash | | 287 86 |
| | | $7,687 86 |

STATEMENT No. 3—Continued.

| | | |
|---|---|---|
| *Western Maryland Railroad* 1925 *Loan Sinking Fund:* | | |
| Consolidated 6 per cent. 1890 Loan | $11,900 00 | |
| Five Million 6 per cent. 1890 Loan | 4,700 00 | |
| City Hall 6 per cent. 1900 Loan | 2,500 00 | |
| City Hall 6 per cent. 1902 Loan | 2,700 00 | |
| Funding 6 per cent. 1900 Loan | 2,000 00 | |
| Western Maryland Railroad 6 per cent. 1902 Loan | 1,900 00 | |
| Jones' Falls 6 per cent. 1900 Loan | 100 00 | |
| | | $25,800 00 |
| Western Maryland Railroad 6 per cent. Third Mortgage Guaranteed Bond | | 500 00 |
| Western Maryland Railroad 4 per cent. 1925 Loan | | 21,800 00 |
| Cash | | 97 15 |
| | | $48,197 15 |

STATEMENT No. 3—Continued.

| | | |
|---|---|---|
| *Western Maryland Railroad* 1927 *Loan Sinking Fund:* | | |
| City Hall 6 per cent. 1902 Loan | $ 300 00 | |
| Consolidated 6 per cent. 1890 Loan | 1,700 00 | |
| | | $ 2,000 00 |
| Western Maryland Railroad 6 per cent. Third Mortgage Guaranteed Bonds | | 2,500 00 |
| Western Maryland Railroad 3¼ per cent. 1927 Loan | | 100,000 00 |
| | | $104,500 00 |
| Less Cash over invested | | 153 00 |
| | | $104,347 00 |
| *Water* 4 *per cent.* 1926 *Loan Sinking Fund:* | | |
| Consolidated 6 per cent. 1890 Loan | $25,300 00 | |
| City Hall 6 per cent. 1900 Loan | 2,300 00 | |
| | | $27,600 00 |
| Cash | | 193 39 |
| | | $27,793 39 |

## STATEMENT No. 3—Concluded.

RECAPITULATION.

| | |
|---|---|
| General Sinking Fund | $5,418,236 47 |
| Public Park Sinking Fund | 656,442 62 |
| Hillen Station Sinking Fund | 31,250 03 |
| Western Maryland Railroad Terminal Company Sinking Fund | 7,687 86 |
| Western Maryland Railroad 1925 Loan Sinking Fund | 48,197 15 |
| Western Maryland Railroad 1927 Loan Sinking Fund | 104,347 00 |
| Water 4 per cent. 1926 Loan Sinking Fund | 27,793 39 |
| | $6,293,954 52 |

## STATEMENT No. 4.

Condition of Enoch Pratt Free Library Sinking Fund, held in trust by the Commissioners of Finance, as per Ordinance No. 64, of 1883, on December 31, 1888.

| | | |
|---|---|---|
| Consolidated 6 per cent. 1890 Loan | $104,300 00 | |
| Five Million 6 per cent. 1890 Loan | 11,400 00 | |
| Funding 6 per cent. 1900 Loan | 5,400 00 | |
| City Hall 6 per cent. 1900 Loan | 12,600 00 | |
| City Hall 6 per cent. 1902 Loan | 1,600 00 | |
| Western Maryland Railroad 6 per cent. 1902 Loan | 6,500 00 | |
| Public Park 6 per cent. 1890 Loan | 2,100 00 | |
| Consolidated 6 per cent. 1893 Loan | 5,400 00 | |
| Park Improvement 6 per cent. 1895 Loan | 700 00 | |
| Jones' Falls 6 per cent. 1900 Loan | 1,200 00 | |
| | | $151,200 00 |
| Western Maryland Railroad 6 per cent. Third Mortgage Guaranteed Bonds | | 10,000 00 |
| Water 5 per cent. 1916 Loan. | $16,500 00 | |
| Amts. carried forward | $16,500 00 | $161,200 00 |

STATEMENT No. 4—Concluded.

| | | |
|---|---|---|
| Amts. brought forward... | $16,500 00 | $161,200 00 |
| Funding 5 per cent. 1916 Loan ..... | 300 00 | |
| Jones' Falls 5 per cent. 1900 Loan ..... | 78,500 00 | |
| | | 95,300 00 |
| Paving 4 per cent. 1920 Loan. | $ 62,300 00 | |
| Patterson Park 4 per cent. 1920 Loan..... | 195,000 00 | |
| Water 4 per cent. 1922 Loan. | 500,000 00 | |
| | | 757,300 00 |
| Cash ..... | | 337 95 |
| | | $1,014,137 95 |

## STATEMENT No. 5.

### *Horwitz Benevolent Fund.*

EXTRACT FROM THE WILL OF ORVILLE HORWITZ.

ARTICLE VII.—"I give and bequeath unto the Mayor and City Council of Baltimore the sum of ten thousand dollars, to be invested in permanent securities in the city of Baltimore; and so soon as the said sum by investments and re-investments of the rents, issues and profits thereof shall have been increased to the sum of twenty thousand dollars, then I will and desire that the said rents, issues and profits shall be annually distributed, under the directions of the Mayor of said corporation, in aid of the support of twelve poor families of said city of Baltimore, to be selected by said Mayor, without distinction of race, color, religion or politics, in such proportions and sums as to the said Mayor may seem just; the said Mayor to report annually to the City Council of said city the mode in which the said annual income has been distributed, and the amounts in which, and persons to whom, the same has been paid, and the reasons which have induced him to make said distribution."

Cash.....$10,000 00

## STATEMENT No. 6.

A Schedule of Real Estate and Ground Rents upon the Books of the Commissioners of Finance.

| LESSEES. | LOCATION OF LOTS. | ANNUAL RENTAL. |
|---|---|---|
| Swain & Banks | Nos. 9, 10, 11 and 12 President street | $ 452 25 |
| C. S. Maltby | Nos. 24, 25, 26, 27, 28, 29 and 30, south side of Block street | 910 88 |
| " | Nos. 5, 6, 7 and 8, north side of Block street. | 293 60 |
| Sisters of Mercy | Calvert-street Spring lot | 1,000 00 |
| Baltimore and Philadelphia Steamboat Company | 200 feet of Pratt-street wharf | 3,600 00 |
| Platt & Co | Fish house property, south side of Basin | 1,457 00 |
| John G. Huck | Light street | 75 70 |
| Wilson & Hunting | Nos. 5, 6, 7 and 8, west side of President street. | 502 50 |
| George Hickman | Southwest corner of Fayette and Arch streets. | 52 00 |
| Boys' Home Society | Northwest corner of Calvert and Pleasant sts. | 50 00 |
| James Clark & Co | Part of City Yard property | 497 25 |
| Baltimore Dredging Co. | Part of City Yard property | 480 00 |
| E. S. Sauble | Battery avenue | 157 50 |
| Joseph Kaufman | Nos. 1, 2, 3, 4, 5 and 6 Weyler street | 150 00 |
| William Groscup | No. 7 Weyler street | 33 60 |
| John F. Weyler | No. 8 Weyler street | 19 20 |
| Joseph Baumgarten | No. 9 Weyler street | 26 32 |

| | | |
|---|---|---|
| William Kleinhenn | No. 10 Weyler street | 26 32 |
| Anton Young | Nos. 11 and 12 Weyler street | 52 64 |
| Charles N. Oehm | No. 13 Weyler street | 26 32 |
| H. Klausmeyer | No. 14 Weyler street | 25 48 |
| Catharine Karch | No. 15 Weyler street | 26 32 |
| N. Thomas & Co. | Nos. 17 and 18 Weyler street | 52 64 |
| F. Kull | No. 19 Weyler street | 19 20 |
| George Wimmer | No. 20 Weyler street | 20 32 |
| E. Snellenberg | Nos. 21 and 22 Weyler street | 54 49 |
| J. A. J. Goetz | No. 23 Weyler street | 29 60 |
| August Pfeil | No. 25 Weyler street | 29 60 |
| F. Schott | No. 29 Weyler street | 26 32 |
| August Pfeil | Southwest corner of Light and Weyler streets | 78 06 |
| | | $10,225 11 |

*Ground Rents Purchased by Authority of Ordinance No. 81, of 1881.*

| | | | |
|---|---|---|---|
| Comm'ers Public Schools | Hollins and Monroe streets | $ 750 00 | |
| " " " | Howard and Little Montgomery sts. | 120 00 | |
| " " " | Pennsylvania avenue and Robert st. | 86 00 | |
| " " " | Park avenue, near Preston street | 549 00 | |
| " " " | Waesche street, near Fremont st. | 480 00 | |
| " " " | Castle street | 209 25 | |
| " " " | Hanover and Lee streets | 210 00 | |
| Amounts carried forward | | $2,404 25 | $10,225 11 |

## STATEMENT No. 6—Concluded.

| LESSEES. | LOCATION OF LOTS. | | ANNUAL RENTAL. |
|---|---|---|---|
| Amounts brought forward | | $2,404 25 | $10,225 11 |
| Comm'ers Public Schools | Sharp and West streets | 570 00 | |
| " " " | Argyle avenue, near Lanvale street | 120 00 | |
| " " " | Hull and Clement streets | 350 00 | |
| " " " | Linden avenue and Wilson street | 840 00 | |
| " " " | Charles and Ostend streets | 372 50 | |
| " " " | Ann and Chase streets | 501 75 | |
| " " " | Howard, opposite Centre street | 1,000 00 | |
| " " " | Preston and Eden streets | 80 00 | |
| " " " | Broadway and Bank street | 200 00 | |
| " " " | Mosher and Gilmor streets | 757 00 | |
| Mayor and City Council | Monument and Chester streets | 1,200 00 | |
| " " " " | Collington Square | 960 00 | |
| " " " " | Perkins' Spring Square | 2,052 00 | |
| " " " " | Riverside Park | 3,770 62 | |
| " " " " | Holliday and Fayette streets | 56 00 | |
| " " " " | Lexington and Paca streets | 228 00 | |
| | | | 15,462 12 |
| | Purchased at a cost of $268,235.27 | | |
| | | | $25,687 23 |

## STATEMENT No. 7.

Statement of the Funded Debt December 31, 1888.

| LOAN. | RATE. | WHEN REDEEMABLE. | AMOUNT. |
|---|---|---|---|
| Consolidated | 6 per cent. | At pleasure after July 1, 1890 | $7,306,546 22 |
| Public Park | 6 " " | " " " Sept. 1, 1890 | 555,566 25 |
| Exempt | 6 " " | " " " Sept. 1, 1893 | 410,353 87 |
| Water | 6 " " | " " " July 1, 1894 | 263,000 00 |
| " | 5 " " | " " " July 1, 1894 | 3,737,000 00 |
| " | 5 " " | " " " July 1, 1916 | 5,000,000 00 |
| " | 4 " " | " " " Nov. 1, 1922 | 500,000 00 |
| " | 4 " " | " " " Nov. 1, 1926 | 400,000 00 |
| Funding | 6 " " | " " " July 1, 1900 | 800,000 00 |
| " | 5 " " | " " " July 1, 1916 | 1,000,000 00 |
| Harford Run Improvement | 4 " " | " " " Jan. 1, 1920 | 250,000 00 |
| Paving | 4 " " | " " " Nov. 1, 1920 | 500,000 00 |
| Five Million | 6 " " | January 1, 1890 | 5,000,000 00 |
| Consolidated | 6 " " | September 1, 1893 | 2,211,068 05 |
| Park Improvement | 6 " " | January 1, 1895 | 185,723 80 |
| Jones' Falls | 6 " " | April 9, 1900 | 800,000 00 |
| " " | 5 " " | " 9, 1900 | 957,000 00 |
| " " | 3.65 per ct. | " 9, 1900 | 455,000 00 |

| | | | |
|---|---|---|---|
| Jones' Falls | 3½ per ct. | April 9, 1900 | 160,000 00 |
| " " | 3 per cent. | " 9, 1900 | 100,000 00 |
| City Hall | 6 " " | " 15, 1900 | 1,000,000 00 |
| " " | 6 " " | March 7, 1902 | 500,000 00 |
| W. Md. R. R. | 6 " " | January 1, 1902 | 1,000,000 00 |
| " " | 4 " " | July 1, 1925 | 684,000 00 |
| " " | 3½ " " | January 1, 1927 | 1,704,000 00 |
| Harford Run sewer | 4 " " | November 3, 1904 | 350,000 00 |
| Patterson Park | 4 " " | October 1, 1920 | 200,000 00 |
| Overdue stock | 6 " " | No interest allowed | 732 00 |
| Water, 1875 | 6 " " | " " " | 940 00 |
| Consolidated, 1885 | 5 " " | " " " | 2,525 46 |
| One Million, 1886 | 6 " " | " " " | 2,130 50 |
| W. Md. R. R. Bonds | 6 " " | " " " | 2,930 00 |
| Total funded debt | | | $36,038,516 15 |

GUARANTEED DEBT.

| | | |
|---|---|---|
| Endorsement of W. Md. R. R. 3d Mortgage Bonds | $875,000 00 | |
| " of Union R. R. 1st Mortgage Bonds | 117,000 00 | |
| | | 992,000 00 |
| Total funded and guaranteed debt | | $37,030,516 15 |

## STATEMENT No 8.

Balance Sheet of Sinking Funds' Ledger, December 31, 1888.

| | Dr. | Cr. |
|---|---|---|
| General Sinking Fund..... | | $161,446 81 |
| Public Park Sinking Fund.... | | 12,242 62 |
| Hillen Station Sinking Fund.. | | 350 03 |
| Western Maryland Railroad Terminal Company Sinking Fund..... | | 287 86 |
| Western Maryland Railroad 1925 Loan Sinking Fund.... | | 97 15 |
| Western Maryland Railroad 1927 Loan Sinking Fund...$ | 153 00 | |
| Water 4 per cent. 1926 Loan Sinking Fund..... | | 193 39 |
| Enoch Pratt Free Library Sinking Fund..... | | 337 95 |
| Redemption of Western Maryland Railroad Bonds..... | | 2,930 00 |
| Horwitz Benevolent Fund.... | | 10,000 00 |
| Balance..... | 187,732 81 | |
| | $187,885 81 | $187,885 81 |

## STATEMENT No. 9.

Statement of the indebtedness of the Western Maryland Railroad Company to the Mayor and City Council of Baltimore, December 31, 1888.

| | | |
|---|---|---|
| First Mortgage Bonds, held by the Commissioners of Finance | | $ 43,500 00 |
| Second Preferred Mortgage Bonds, held by the Commissioners of Finance | | 178,500 00 |
| Accrued interest to January 1, 1887, on the Second Mortgage endorsement | | 333,000 00 |
| Third Mortgage endorsement | $875,000 00 | |
| Interest thereon to December 31, 1888 | 945,000 00 | |
| | | 1,820,000 00 |
| Fourth Mortgage, to secure loan of City Stock | $1,000,000 00 | |
| Interest thereon to December 31, 1888 | 990,000 00 | |
| | | 1,990,000 00 |
| Loan of City Stock, by authority of Ordinance No. 71, of 1881 | | 684,000 00 |
| Loan of City Stock, by authority of Ordinance No. 11, of 1886 | | 1,704,000 00 |
| Amt. carried forward | | $6,753,000 00 |

STATEMENT No. 9—Concluded.

| | | |
|---|---|---|
| Amt. brought forward... | | $6,753,000 00 |
| Funding Certificates, being amount of matured coupons of First and Second Preferred Mortgage Bonds, funded as per Ordinance No. 22, of 1879. | 226,530 00 | |
| Interest thereon from July 1, 1888, to date..... | 6,795 90 | |
| | | 233,325 90 |
| Coupons from First Mortgage Unendorsed Bonds. | $71,742 00 | |
| Interest thereon to December 31, 1888..... | 56,598 13 | |
| | | 128,340 13 |
| | | $7,114,666 03 |
| Less value of Western Maryland Railroad 1925 Loan Sinking Fund..... | $ 48,197 15 | |
| Less value of Western Maryland Railroad 1927 Loan Sinking Fund..... | 104,347 00 | |
| | | 152,544 15 |
| | | $6,962,121 88 |

## STATEMENT No. 10.

Total Liabilities of the Western Maryland Railroad Company, December 31, 1888.

| | | |
|---|---|---|
| *Held by the Commissioners of Finance in the Sinking Fund:* | | |
| Second Preferred Mortgage Bonds | $178,500 00 | |
| First Mortgage Bonds | 43,500 00 | |
| First Mortgage Coupons (not funded) | 71,742 00 | |
| Interest on said coupons to date | 56,598 13 | |
| Funding Certificates | 226,530 00 | |
| Six months' interest on said certificates | 6,795 90 | |
| | | $583,666 03 |
| Less: | | |
| Value of Western Maryland Railroad 1925 Loan Sinking Fund | $ 48,197 15 | |
| Value of Western Maryland Railroad 1927 Loan Sinking Fund | 104,347 00 | |
| | | 152,544 15 |
| Amt. carried forward | | $431,121 88 |

STATEMENT No. 10--Concluded.

| | | |
|---|---|---|
| Amt. brought forward... | | $ 431,121 88 |
| Accrued interest due Commissioners of Finance to January 1, 1887, on Second Mortgage Bonds.. | | 333,000 00 |
| Third Mortgage Bonds, endorsed by city..... | $875,000 00 | |
| Interest thereon to December 31, 1888..... | 945,000 00 | |
| | | 1,820,000 00 |
| Fourth Mortgage, City Stock loaned ..... | $1,000,000 00 | |
| Interest thereon to December 31, 1888..... | 990,000 00 | |
| | | 1,990,000 00 |
| Loan of City Stock, authorized by Ordinance No. 71, of 1882..... | | 684,000 00 |
| Loan of City Stock, authorized by Ordinance No. 11, of 1886..... | | 1,704,000 00 |
| Common Stock owned by city..... | 200,000 00 | |
| Common Stock owned by Washington county..... | 150,000 00 | |
| Common Stock owned by individuals..... .... | 334,250 00 | |
| | | 684,250 00 |
| First Preferred Stock owned by Washington county.. | | 324,000 00 |
| | | $7,970,371 88 |

| NAME OF ISSUE. | | RATE PER ANNUM. | WHEN PAYABLE. | WHERE PAYABLE. |
|---|---|---|---|---|
| Five Million Loan | 1890 | 6 per cent. | Jan., April, July and Oct. | Nat. Farm & Plant. B'k. |
| Consolidated " | 1890 | 6 " | " " | " " |
| City Hall " | 1900 | 6 " | " " | " " |
| " " " | 1902 | 6 " | " " | " " |
| Funding " | 1900 | 6 " | " " | " " |
| West. Md. R. R. " | 1927 | 3.25 " | January and July..... | " " |
| Internal Impn't " | 1928 | 3½ " | " " ..... | " " |
| Patters'n Pk.Ex. " | 1920 | 4 " | Jan., April, July and Oct. | National Mechanics' B'k. |
| Park Imp. " | 1895 | 6 " | " " | " " |
| Public Park " | 1890 | 6 " | Mar., June, Sept. and Dec. | " " |
| Jones' Falls " | 1900 | 6 " | Feb., May, Aug. and Nov. | " " |
| " " " | 1900 | 5 " | " " | " " |
| " " " | 1900 | 3.65 " | " " | " " |
| " " " | 1900 | 3½ " | " " | " " |
| " " " | 1900 | 3 " | " " | " " |
| West. Md. R. R. " | 1902 | 6 " | January and July..... | " " |
| " " " " | 1925 | 4 " | " " .. | " " |
| Harf'd Run Imp. " | 1920 | 4 " | " " .. | " " |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Completion of Harford Run Improvement | Loan | 1904 | 4 per cent. | May and | November | .... | National Mechanics' Bk. | |
| Paving | Loan | 1920 | 4 " | " | " | .... | " | " |
| Water | " | 1916 | 5 " | " | " | .... | " | " |
| " | " | 1894 | 6 " | " | " | .... | " | " |
| " | " | 1894 | 5 " | " | " | .... | " | " |
| " | " | 1922 | 4 " | " | " | .... | " | " |
| " | " | 1926 | 4 " | " | " | .... | " | " |
| Funding | " | 1916 | 5 " | " | " | .... | " | " |
| Exempt | " | 1893 | 6 " | March and | September | .. | " | " |
| Consolidated | " | 1893 | 6 " | " | " | | " | " |

## GUARANTEES.

| NAME OF ISSUE. | RATE PER ANNUM. | WHEN PAYABLE. | WHERE PAYABLE. |
|---|---|---|---|
| Western Maryland R. R. Company's Bonds..... | 6 per cent. | January and July..... | National Mechanics' Bk. |
| Union Railroad Company's Bonds..... | 6 " | " " | Franklin Bank. |

# ANNUAL REPORT

OF THE

# CITY COMPTROLLER

TO THE

## Mayor and City Council of Baltimore,

FOR THE

Fiscal Year Ending December 31, 1926.

# REPORT.

DEPARTMENT OF THE CITY COMPTROLLER,
BALTIMORE, January 1, 1889.

*To the Honorable the Mayor and*
*City Council of Baltimore.*

GENTLEMEN:

In accordance with the requirements of law, I have the honor of presenting herewith the report of this Department for the fiscal year ending December 31, 1888.

The following table exhibits the receipts and disbursements of the city government from the 1st day of January, 1888, to the 31st day of December, 1888, both days inclusive.

STATEMENT OF RECEIPTS.

| | | |
|---|---|---|
| From the City Collector, on account of the tax levy for 1888..... | $3,614,046 64 | |
| " the City Collector, on account of taxes in arrears..... | 987,503 54 | |
| Amount carried forward. | | $4,601,550 18 |

| | | | |
|---|---|---|---|
| Amount brought forw'd. | | $4,601,550 | 18 |
| From the City Collector, on account of interest on taxes in arrears. | 24,485 48 | | |
| " the City Collector, on account of opening, closing and paving streets and alleys. | 215,446 49 | | |
| " the City Collector, on account of renumbering houses..... | 4,949 50 | | |
| | | $4,846,431 | 65 |
| " market rents and licenses..... | | 56,403 | 07 |
| " rent of public halls..... | | 479 | 00 |
| " wharfage by Harbor Masters..... | | 33,595 | 71 |
| " Park Board, for Druid Hill and Patterson Parks..... | | 131,552 | 14 |
| " Park Board, for Riverside Park.. | | 237 | 32 |
| " " for Federal Hill Park and Johnston Square..... | | 350 | 04 |
| " Trustees of Bayview Asylum, for board of inmates, &c..... | | 2,927 | 43 |
| " Sundry parties, difference in board of insane patients..... | | 5,575 | 00 |
| " temporary loans..... | | 1,365,000 | 00 |
| " the Pound Master, for sale of dogs | | 270 | 87 |
| " Quarantine Hospital fees..... | | 4,005 | 68 |
| " Water Board, for rents, &c..... | | 800,583 | 36 |
| " the Jail Visitors, for board of U. S. prisoners, &c..... | | 2,094 | 01 |
| Amount carried forward..... | | $ 7,249,505 | 28 |

| | | |
|---|---|---|
| Amount brought forward | | $ 7,249,505 28 |
| From County Commissioners of Baltimore County, for cases removed and tried in the city courts | 4,681 20 | |
| " Magistrates, for fines, for violation of city ordinances | 3,892 47 | |
| " ground rents due by sundry parties | 160 00 | |
| " auctioneers, for State tax on sales | 8,369 06 | |
| " sundry parties, for injury to street lamps | 70 00 | |
| " the inspection of gas meters | 2,678 50 | |
| " licenses for wagons, carts, billiards, dogs, &c | 46,404 70 | |
| " City seals | 10 00 | |
| " the railway companies, for park sinking fund | 19,160 46 | |
| " the City Librarian, for sale of Codes and Ordinances | 79 28 | |
| " the Fire Commissioners, for sale of refuse | 406 93 | |
| " Tax sales, for the redemption of property previously sold for taxes | 2,177 09 | |
| " the City Commissioner, for account of advertising | 134 00 | |
| " the Commissioner of Street Cleaning, for sale of refuse | 1,918 50 | |
| Amount carried forward | | $ 7,339,647 47 |

| | | |
|---|---|---|
| Amount brought forward | | $ 7,339,647 47 |
| From the State of Maryland, for the city's proportion of public school tax. | 159,592 16 | |
| " the Secretary of the School Board, for use of books, &c. | 6,104 84 | |
| " J. F. Plummer, interest on legacy to public schools | 129 55 | |
| " State tax on city loans | 22,330 64 | |
| " Baltimore and Ohio Railroad Co., interest on $5,000,000 loan | 300,000 00 | |
| " Water Board, interest on water loans of 1894, 1916, 1922, and 1926 | 480,630 00 | |
| " Park Board, interest on public park loan | 41,333 96 | |
| " Western Maryland Railroad, interest on 1925 loan | 82,740 00 | |
| " permits and advertising, for erecting sheds, &c | 6,528 49 | |
| " City Commissioner, for vaults and areas | 1,097 80 | |
| " City Commissioner, for improvement Jones' Falls | 21 67 | |
| " City Commissioner, for repairs paved streets | 510 10 | |
| " City Commissioner, for repairs of sewers | 2,163 50 | |
| " City Commissioner, for Light street bridge | 139 23 | |
| " City Commissioner, for iron plates. | 48 75 | |
| Amount carried forward | | $ 8,443,018 16 |

| | | |
|---|---|---|
| Amount brought forward | $ 8,443,018 | 16 |
| From City Commissioner for improvement of Fulton avenue | 75 | 80 |
| " City Commissioner, for repaving Cross Street Market | 215 | 25 |
| " City Commissioner, for repaving Fell's Point Market | 118 | 75 |
| " sale of Jones' Falls 3½ per cent. stock | 160,000 | 00 |
| " sale of improvement Harford Run stock | 107,727 | 25 |
| " intestate estates | 93 | 99 |
| " turnpike dividends and interest | 509 | 65 |
| " unclaimed damages, for opening streets | 9,396 | 22 |
| " the sale of property owned by the city | 606 | 50 |
| " the sale of Water stock of 1926 | 429,917 | 05 |
| " the Fire Commissioners, for account of Engine Co. No. 14 | 4 | 00 |
| " the City Commissioner, for account streets, &c., city annex | | 50 |
| " the salaries of city officers | 133 | 33 |
| " Police Department, sale of refuse, &c | 112 | 00 |
| " damages and expenses for opening, closing and paving streets and alleys | 11,433 | 38 |
| Cash in hands of the City Register, January 1st, 1888 | 300,124 | 88 |
| | $9,463,486 | 71 |

STATEMENT OF DISBURSEMENTS.

| | | |
|---|---|---|
| For cleaning and repairs of markets | $ | 4,675 90 |
| " cleaning and repairs of Hollins and Cross Street Halls | | 90 25 |
| " Criminal Court | | 60,361 85 |
| " Baltimore City Court | | 12,707 78 |
| " Superior Court | | 13,728 25 |
| " Court Common Pleas | | 13,509 65 |
| " Circuit Court | | 2,877 27 |
| " Orphans' Court | | 7,937 15 |
| " Superior Bench | | 2,575 00 |
| " magistrates | | 15,318 63 |
| " judgments and suits | | 1,673 15 |
| " the Police Department | | 721,167 89 |
| " salaries and incidentals of the City Council | | 54,922 66 |
| " expenses of the Supervisors of Elections | | 3,972 89 |
| " removed cases | | 6,280 72 |
| " expenses of the Jail | | 53,908 44 |
| " registration | | 60,115 64 |
| " park sinking fund | | 19,160 46 |
| " public schools (general) | | 126,531 48 |
| " Water Board | | 832,387 02 |
| " interest on loans and discount on taxes | | 135,081 80 |
| " the dog pound | | 1,148 00 |
| " Manual Training School | | 16,971 10 |
| Amount carried forward | $ | 2,167,102 98 |

| | |
|---|---|
| Amount brought forward | $ 2,167,102 98 |
| For public schools (salaries) | 613,991 80 |
| " ground rents due by the City | 3,697 84 |
| " Druid Hill and Patterson Parks | 128,766 26 |
| " Riverside Park | 4,664 47 |
| " Federal Hill Park | 6,238 80 |
| " Johnston Square | 1,841 94 |
| " Collington Square | 2,527 54 |
| " Harlem Park | 6,623 48 |
| " Eutaw Square—1st division | 1,800 00 |
| " " " —2d " | 4,900 00 |
| " Madison Square | 2,187 76 |
| " Lafayette Square | 1,226 25 |
| " Perkins' Spring Square | 1,850 00 |
| " ground rent Riverside Park | 3,770 62 |
| " " " Perkins' Spring Square | 2,052 00 |
| " Bayview Asylum | 79,998 98 |
| " Health Department | 15,006 75 |
| " Quarantine Hospital | 17,677 86 |
| " health (salaries) | 32,205 08 |
| " nuisances | 10,274 64 |
| " cleaning streets | 265,384 84 |
| " Harbor Board | 49,064 10 |
| " iceboat F. C. Latrobe | 12,144 36 |
| " repairs of wharves | 3,602 70 |
| " " " City Dock | 8,144 14 |
| " bulkhead at Little Hawkins' Point. | 4,597 77 |
| " re-survey of harbor, &c. | 401 70 |
| " City Collector, expenses of office | 51,900 00 |
| Amount carried forward | $ 3,503,644 66 |

| | |
|---|---|
| Amount brought forward | $ 3,503,644 66 |
| For Appeal Tax Court | 299 48 |
| " gas and electric lights | 230,000 00 |
| " lamp pillars and lamps | 19,723 11 |
| " lamplighters' salaries | 46,514 00 |
| " Inspector of Buildings | 6,200 00 |
| " repairs of public schools | 9,989 05 |
| " " " City property | 21,997 03 |
| " permits for sheds, boilers, &c | 1,248 65 |
| " engine house in west Baltimore | 9,694 00 |
| " building colored high and grammar school | 24,989 00 |
| " cleaning cesspools | 1,215 00 |
| " new truck house in south Balto | 1,899 00 |
| " building addition to Grammar No. 21 | 4,068 13 |
| " repairs to Female Grammar No. 18. | 242 00 |
| " building Primary No. 8 | 9,000 00 |
| " reslating Baltimore City Jail | 5,996 75 |
| " building Grammar No. 2 | 15,000 00 |
| " repairs to Fifth Regiment Armory. | 999 63 |
| " building addition to Howard Zouave Armory | 1,000 00 |
| " laying drain-pipe from No. 9 Engine house | 716 25 |
| " sanitary improvement in public schools | 2,989 33 |
| " painting school houses | 5,000 00 |
| " furnishing Circuit Court No. 2 | 1,000 00 |
| Amount carried forward | $ 3,923,425 07 |

| | | |
|---|---|---|
| Amount brought forward | $ 3,923,425 | 07 |
| For improvements at No. 8 Grammar School | 900 | 00 |
| " repairs at No. 7 Engine house | 243 | 85 |
| " wood ceilings in public schools | 3,000 | 00 |
| " building colored school, west Baltimore | 4,470 | 34 |
| " salaries &c. of the City Commissioner's office | 9,590 | 94 |
| " improvement of Jones' Falls | 124,484 | 95 |
| " repairs paved streets | 84,945 | 33 |
| " " of bridges | 9,499 | 51 |
| " " of sewers | 10,886 | 92 |
| " Light street bridge | 1,998 | 41 |
| " iron plates | 2,997 | 90 |
| " flag and stepping stones | 7,970 | 21 |
| " cross streets | 21,403 | 46 |
| " improvement Harford Run | 65,969 | 98 |
| " repairs unpaved streets | 1,463 | 77 |
| " paving in front of city property | 685 | 42 |
| " improvement of Fulton Avenue | 4,230 | 51 |
| " retaining wall Falls Road | 15,042 | 62 |
| " paving streets in Bolton property | 7,214 | 07 |
| " Mosher street sewer | 5,468 | 86 |
| " Central Avenue sewer | 5,159 | 07 |
| " monument Jno. Lee Chapman | 575 | 00 |
| " parking Wilkens Avenue | 3,176 | 36 |
| " repaving Cross Street market | 8,974 | 50 |
| " " Fell's Point market | 4,845 | 00 |
| Amount carried forward | $ 4,328,622 | 05 |

| | | |
|---|---|---|
| Amount brought forward | $ 4,328,622 | 05 |
| For culvert at Calvert and Eager streets. | 1,240 | 42 |
| " trapping inlets, Central Ave. sewer. | 221 | 45 |
| " " Thames Street sewer | 347 | 33 |
| " " Broadway sewer | 333 | 85 |
| " sewer in Fulton Avenue | 9,649 | 04 |
| " expenses of the Mayor's office | 2,176 | 86 |
| " transportation of poor | 887 | 46 |
| " City Librarian | 7,991 | 89 |
| " refunded taxes | 3,502 | 35 |
| " expenses of the Court House and Record office | 6,534 | 53 |
| " expenses of the City and Circuit Court building | 3,451 | 79 |
| " general expense | 1,148 | 42 |
| " Superintendent City Hall | 21,646 | 95 |
| " general license | 1,352 | 50 |
| " expenses of the Fire Department | 235,600 | 11 |
| " fire alarm boxes at No. 6 Truck house | 496 | 00 |
| " Hook and Ladder Co., No. 6 | 11,199 | 02 |
| " fines remitted by order of the Mayor. | 1,488 | 50 |
| " public printing | 2,799 | 53 |
| " Extension of City Limits | 9,707 | 96 |
| " Water loan 1926 | 384,801 | 14 |
| " Engine Company No. 14 | 15,002 | 91 |
| " Fire alarm boxes at various places. | 2,083 | 00 |
| " Improved machinery for Police and Fire alarm telegraph | 5,100 | 00 |
| Amount carried forward | $ 5,057,385 | 06 |

| | | | |
|---|---|---|---|
| Amount brought forward | | | $ 5,057,385 06 |
| For Lamp-pillars and lamps, | City Annex | | 2,458 31 |
| " Lamplighters' salaries | " | " | 5,055 12 |
| " Gas and electric lights | " | " | 3,132 54 |
| " Expenses of fire department | | " | 14,247 66 |
| " Police department | | " | 38,464 43 |
| " Cleaning streets | | " | 7,594 96 |
| " Health department (general) | | " | 111 87 |
| " " " (salaries) | | " | 1,183 24 |
| " Nuisances | | " | 721 62 |
| " Repairs streets, roads, &c. | " | " | 12,966 47 |
| " " city property | " | " | 1,500 00 |
| " Surveys and plats | " | " | 950 00 |
| " Surveying and platting annexed territory | | | 68 09 |
| " Public schools, | City Annex | | 43,302 10 |
| " Maryland hospital for insane | " | | 650 00 |
| " Mount Vernon squares | | | 1,000 00 |
| " Frick's Triangle | | | 464 33 |
| " Broadway squares, 1st division | | | 1,874 15 |
| " " " 2d " | | | 1,999 98 |
| " Park Place squares | | | 377 22 |
| " Franklin square | | | 1,500 00 |
| " Union " | | | 1,755 18 |
| " Eastern fountain | | | 1,153 84 |
| " Jackson square | | | 1,041 16 |
| " Ashland " | | | 129 81 |
| " Mt. Royal avenue square | | | 1,498 52 |
| " Taney Circle | | | 300 00 |
| Amount carried forward | | | $ 5,202,885 66 |

| | |
|---|---|
| Amount brought forward | $ 5,202,885 66 |
| For Baker Circle | 300 00 |
| " House of Reformation | 10,000 00 |
| " " Refuge | 20,000 00 |
| " Baltimore University Hospital | 2,535 00 |
| " Maryland General Hospital | 2,535 00 |
| " Mount Hope Retreat | 38,943 95 |
| " Maryland Hospital for Insane | 12,070 97 |
| " Dispensaries | 8,500 00 |
| " St. Mary's Industrial School | 20,000 00 |
| " Maryland University Hospital | 6,750 00 |
| " Washington " " | 6,750 00 |
| " deaf and dumb | 496 55 |
| " widows and orphans, war of 1812 | 100 00 |
| " special appropriations | 2,766 55 |
| " State tax on city loans | 38,326 74 |
| " assistance to Examiner of Titles | 807 00 |
| " Female House of Refuge | 3,000 00 |
| " St. Vincent's Infant Asylum | 4,999 94 |
| " Home of the Friendless | 2,100 00 |
| " Nursery and Childs' Hospital | 2,749 98 |
| " Industrial Home, for colored girls | 1,500 00 |
| " St. Mary's Female Orphan Asylum | 3,083 30 |
| " St. Elizabeth's Colored Orphan Asylum | 1,499 94 |
| " temporary loans | 1,165,000 00 |
| " Coroners | 2,400 00 |
| " salaries of city officers | 72,607 09 |
| " Commissioners for Opening Streets | 128 77 |
| Amount carried forward | $ 6,632,836 44 |

| | | |
|---|---|---|
| Amount brought forward | $ 6,632,836 | 44 |
| For General Superintendent of Lamps | 300 | 00 |
| " tax sales | 95 | 80 |
| " expenses of election | 9,243 | 15 |
| " transportation to House of Correction | 196 | 00 |
| " Maryland Institute | 6,000 | 00 |
| " Insurance of Bayview Asylum | 1,305 | 00 |
| " ringing Mechanics' bells | 200 | 00 |
| " winding Maryland Institute clock | 75 | 00 |
| " new fire plugs and fountains | 5,000 | 00 |
| " Enoch Pratt Free Library | 50,000 | 00 |
| " ice-boat Maryland | 10,000 | 00 |
| " commissions and incidentals of Harbor Masters | 8,452 | 31 |
| " post mortems | 1,000 | 00 |
| " Paving Loan 1920 | 1,434 | 03 |
| " interest on stock debt | 1,858,768 | 66 |
| " Boys' Home Society | 3,000 | 00 |
| " cleaning streets, special | 2,651 | 70 |
| " repairing floor of Calvert St. bridge | 536 | 05 |
| " " " " St. Paul Street bridge | 946 | 27 |
| " Shelling East Monument and East Fayette streets | 1,276 | 86 |
| " Shelling Ferry Bar road | 425 | 64 |
| " Release of Mortgage No. 6 Engine House | 6,180 | 00 |
| " Shelling Liberty road | 75 | 00 |
| Amount carried forward | $ 8,599,997 | 91 |

| | |
|---|---|
| Amount brought forward | $ 8,599,997 91 |
| " " Ridgely and Bayard sts. | 460 08 |
| " " Warner street | 334 81 |
| " Baltimore Manual Labor School | 1,000 00 |
| " Draining cellar of Primary School No. 2 | 260 00 |
| " Shelter for aged colored poor | 500 00 |
| " St. Mary's Home for colored children | 500 00 |
| " Hospital of the Good Samaritan | 416 11 |
| " Lot for a colored school | 7,000 00 |
| " " the Manual Training School | 7,800 00 |
| " Improvements at Eastern Fountain | 173 50 |
| " Illuminated clock at No. 6 Engine House | 895 43 |
| " Repairing Records, Circuit Court | 2,000 00 |
| " Music in the Parks | 3,000 00 |
| " Survey for removal of North street tracks | 1,032 37 |
| " Baltimore Light Infantry Armory | 1,000 00 |
| " Cleaning front steps of the City Hall | 150 00 |
| " Unclaimed damages | 9,397 72 |
| " Damages and incidentals in connection with opening and closing sts. | 441,710 75 |
| " Paving streets and alleys | 91,902 03 |
| Balance in hands of City Register December 31, 1888 | 293,956 00 |
| | $9,463,486 71 |

REGISTRATION.

*Total Cost of Registration for the Year* 1888.

| | | |
|---|---|---|
| Amount paid | Counsellor | $300 00 |
| " | " Registers and for room rent | 38,832 78 |
| " | " Advertising | 19,181 78 |
| " | " Stationery | 1,801 08 |
| | | $60,115 64 |

Of this amount it will be perceived that $38,832.78 was for payment of registers and for room rent. It is required by the registration law, "that the registration books, and the poll-books accompanying them shall be completed, compared and made to agree, and shall be returned to the Clerk of the Superior Court of Baltimore City *within five days* after the last day of the October two days' sitting for the registration." Construing this portion of the law very liberally for themselves, the registers with a few exceptions, demanded five days additional pay and five days additional room rent. A specification by the law of a definite amount to be paid the registers for the five days above indicated would have obviated all difficulty in the matter of payment, and would have doubtless insured a speedier return of the books to the Clerk of the Superior Court. The Comptroller refused to pay the demand to the extent made, but under advice of the City Solicitor, compromised with the registers by allowing three days' pay and three days' room rent. Nearly $6,000 was thereby saved to the City, and even then the payment for the work done was very liberal.

All the stationery used by the departments of the City government is supplied through the City Librarian, the contract therefor being awarded to the lowest responsible bidder; the Police Department and all the City Courts, however, purchase their own stationery, although all such bills as well as other expenses have to be paid by the City. It seems no more than proper that the City should have such supervision in this connection as there would be if all the stationery required by these bodies came through the same channel as that of the departments of the City government. It seems proper, therefore, to recommend to your honorable body such action as would accomplish this end, and the result would, I am sure, be pecuniarily beneficial.

The expenses of the various Courts for the year 1888, though embodied in this report are herewith presented, that your attention may be particularly drawn thereto.

| | |
|---|---|
| Criminal Court | $ 60,361 85 |
| Superior Court | 13,728 25 |
| Court Common Pleas | 13,509 65 |
| Baltimore City Court | 12,707 78 |
| Circuit Court | 2,877 27 |
| Orphans' Court | 7,937 15 |
| | $111,121 95 |

These expenses are, for the most part, regulated by Act of the General Assembly of Maryland, and hence are beyond the control of any action of the Mayor and City Council, either in their amount or in the liability of the City for their immediate payment.

From the receipts of these various courts, there was paid into the *State Treasury* during the year 1887 the sum of $362,680.64, as shown by the State Comtroller's report for that year, and it is fair to presume that an equal if not greater amount was paid during the year 1888.

The matter, hence, narrows itself down to the simple fact that the City of Baltimore bears the burden entailed by expenses of the Courts, while the State of Maryland derives all the pecuniary benefit therefrom; hence, I do not deem it out of place in this report to suggest that effort be made to secure such State legislation as will contribute to relieve the City in this particular.

## FINANCIAL STATEMENT IN DETAIL.

For information in detail connected financially with the operations of the Department of the City Comptroller, I respectfully invite your attention to the subjoined tables:

Table A, is a statement of the amount charged and credited to the City Register.

Table B, shows the amount of taxes collected during the year, and the amount charged to the City Collector for taxes in arrears.

Table C, is a statement of the receipts and disbursements of Markets, Public Halls, General Licenses, Theatricals and Wharfage accounts.

Table D, is a statement of the several Courts, Supreme Bench, Magistrates, Judgments and Suits, City Council, Police Department, Supervisors of Elections, Removed Cases, Registration and Baltimore City Jail.

Table E, is an exhibit of the receipts from taxes and other sources, and payment on account of interest on the Stock Debt, Sinking Fund, Loans, Interest, Water Board, Dog Pound, Public Schools (general and salaries) Manual Training School, City Property, Special Appropriations, Water Loan 1926, Gas and Electric Lights, and State Tax on City Loans.

Table F, is a statement of receipts and disbursements on account of Druid Hill, Patterson, Riverside and Federal Hill Parks.

Statement A, is a statement of the several Public Squares, Health Department, Harbor Board, Commissioner of Street Cleaning, City Collector, City Poor, General Superintendent of Lamps, Lamp pillars, Inspector of Buildings Department, City Commissioner's Department, Fire Department and General Expenditures under the head of Miscellaneous.

Statement B, shows the amounts received and paid for Opening, Closing and Widening Streets and Alleys.

Table G, shows the amount paid for Paving Streets and Alleys and amounts received from the City Collector on account of Paving Streets.

Table H, is an exhibit of the amount paid for Police Department, Fire Department, Cleaning Streets, Repairs of City Property, Repairs of Streets, Roads, &c., Public Schools, Nuisances, Lamp-pillars and Lamps, Lamplighters' Salaries, and Gas and Electric Lights in the newly annexed portion of the City.

I have the honor to be,

Very Respectfully,

Your obedient servant,

JAMES R. HORNER,

*Comptroller.*

# TABLES.

## TABLE A.

DR. JOHN A. ROBB, *City Register, in account with*

1888.

| | | | | |
|---|---|---|---|---|
| January | 1 | To balance | $ | 300,124 88 |
| January | 31 | " Cash | | 148,605 37 |
| February | 29 | " " | | 1,041,478 50 |
| March | 31 | " " | | 516,815 61 |
| April | 30 | " " | | 850,023 15 |
| May | 31 | " " | | 598,637 25 |
| June | 30 | " " | | 1,397,404 06 |
| July | 31 | " " | | 1,435,730 38 |
| August | 31 | " " | | 337,094 04 |
| September | 30 | " " | | 411,095 21 |
| October | 31 | " " | | 775,899 61 |
| November | 30 | " " | | 704,584 53 |
| December | 31 | " " | | 945,994 12 |
| | | | | $9,463,486 71 |

## TABLE A.

*the Mayor and City Council of Baltimore.* Cr.

1888.

| | | | | | |
|---|---|---|---|---|---|
| Jauuary | 31 | By Comptroller's Warrant | | $ | 631,676 56 |
| February | 29 | " | " | " | 748,481 16 |
| March | 31 | " | " | " | 486,667 70 |
| April | 30 | " | " | " | 583,621 34 |
| May | 31 | " | " | " | 1,391,754 79 |
| June | 30 | " | " | " | 914,022 82 |
| July | 31 | " | " | " | 868,628 77 |
| August | 31 | " | " | " | 707,767 82 |
| Sept. | 30 | " | " | " | 596,993 70 |
| October | 31 | " | " | " | 868,671 70 |
| November | 30 | " | " | " | 954,885 20 |
| December | 31 | " | " | " | 416,359 15 |
| December | 31 | " balance | | | 293,956 00 |
| | | | | | $9,463,486 71 |

# TABLE B.

*Collection of Taxes, Opening of Streets, &c., made by the City Collector, for the year ending December* 31, 1888.

| | 1881–1883. | 1884. | 1885. | 1886. | 1887. | 1888. | Total. |
|---|---|---|---|---|---|---|---|
| Police Department | $4,479 10 | $257 24 | $875 79 | $12,670 13 | $147,827 76 | $ 498,767 42 | $ 664,877 44 |
| Certain Expenses | 1,657 88 | 89 05 | 328 42 | 4,072 53 | 43,800 79 | 166,255 81 | 216,204 48 |
| Public Schools | 3,263 55 | 187 99 | 839 26 | 10,407 65 | 125,927 33 | 443,348 81 | 583,974 59 |
| City Poor | 1,469 34 | 69 25 | 328 42 | 3,620 04 | 49,275 92 | 166,255 81 | 221,018 78 |
| Direct Tax | 10,621 10 | 633 20 | 2,225 93 | 31,222 87 | 306,605 71 | 1,219,209 32 | 1,570,518 13 |
| Miscellaneous Stocks | 5,382 54 | 306 71 | 985 22 | 12,217 64 | 147,827 76 | 738,914 71 | 905,634 58 |
| Opening Streets | 266 43 | 9 88 | 182 48 | 1,810 03 | 43,800 79 | 240,147 25 | 286,216 86 |
| Water Tax | ..... | 29 67 | 72 94 | 905 01 | 10,950 19 | 36,945 71 | 48,903 52 |
| Renumbering Houses | ..... | ..... | ..... | ..... | ..... | ..... | 4,949 50 |
| | $27,139 94 | $1,582 99 | $5,838 46 | $76,925 90 | $876,016 25 | $3,509,844 84 | $4,502,297 88 |
| Interest | 8,335 81 | 404 01 | 803 24 | 6,407 15 | 8,535 27 | ..... | 24,485 48 |
| Discount | ..... | ..... | ..... | ..... | ..... | 104,201 80 | 104,201 80 |
| | $35,475 75 | $1,987 00 | $6,641 70 | $83,333 05 | $884,551 52 | 3,614,046 64 | $4,630,985 16 |
| Opening and Closing Streets and Alleys | ..... | ..... | ..... | ..... | ..... | ..... | 151,434 97 |
| Paving Streets and Alleys | ..... | ..... | ..... | ..... | ..... | ..... | 64,011 52 |
| | | | | | | | $4,846,431 65 |

TABLE B.—Concluded.

*Amount charged ayainst City Collector, Jan.* 1, 1889.

| Year. | Levy. | Basis of Taxation. | Amount. |
|---|---|---|---|
| 1885 | $1.60 | $804 65 | $1,287 44 |
| 1886 | 1.70 | 10,139 71 | 17,237 50 |
| 1887 | 1.60 | 134,105 75 | 214,569 20 |
| 1888 | 1.90 | 751,351 61 | 1,427,562 06 |
| | | $896,401 72 | $1,660,656 20 |

## TABLE C.

*Hanover Market*—John H. Mortimer, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stall rents | | $1,693 50 |
| Fish stall rents | | 323 00 |
| Permanent stall rents | | 339 00 |
| Eave stall rents | | 178 00 |
| Street stall rents | | 108 00 |
| Vegetable stall rents | | 600 00 |
| Cucumber stall rents | | 141 00 |
| Per diem rents | | 1,717 35 |
| Licenses | | 1,140 00 |
| Confiscated butter | | 50 |
| | | $6,240 35 |

TABLE C—Continued.

*Belair Market*—Joseph H. Wright, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stall rents | | $2,370 00 |
| Fish stall rents | | 156 00 |
| Permanent stall rents | | 404 00 |
| Eave stall rents | | 210 00 |
| Street eave stall rents | | 260 00 |
| Gutter stall rents | | 120 00 |
| Cucumber stall rents | | 396 00 |
| Movable stall rents | | 220 00 |
| Per diem rents | | 2,179 25 |
| Licenses | | 2,000 00 |
| | | $8,315 25 |

TABLE C.—Continued.

*Cross Street Market*—James Graham, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stall rents | | $ 810 00 |
| Permanent stall rents | | 417 00 |
| Eave stall rents | | 427 00 |
| Fish stall rents | | 190 00 |
| Vegetable stall rents | | 285 00 |
| Street eave stall rents | | 210 00 |
| Per diem rents | | 1,862 30 |
| | | $4,201 30 |

TABLE C.—Continued.

*Lexington Market*—W. H. Pope, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stalls, rent and license. | | $2,750 00 |
| Fish stalls, rent and license..... | | 350 00 |
| Permanent stalls, rent and license | | 1,980 00 |
| Eave stalls, rent and license .... | | 1,540 00 |
| Fruit stalls, rent and license.... | | 600 00 |
| Street eave stalls, rent and license..... | | 305 00 |
| Street stalls, rent and license... | | 1,115 00 |
| Movable stalls, rent and license. | | 294 00 |
| Per diem rents..... | | 3,623 75 |
| | | $12,557 75 |

TABLE C—Continued.

*Hollins Market.*—James Biden, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stalls, rent and license. | | $697 00 |
| Fish stalls, rent and license .... | | 30 00 |
| Permanent stalls, rent and license | | 200 00 |
| Eave stalls, rent and license.... | | 215 00 |
| Pavement stalls, rent and license | | 25 00 |
| Street eave stalls, rent and license | | 680 00 |
| End stalls, rent and license..... | | 55 00 |
| Space stalls, rent and license... | | 200 00 |
| Nine months stalls, rent and license ..... | | 40 00 |
| Per diem rents..... | | 1,525 85 |
| | | $3,667 85 |

TABLE C—Continued.

*Centre Market*—Daniel Murray, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stalls, rent and license.. | | $ 1,927 00 |
| Fish stalls, rent and license..... | | 359 00 |
| Permanent stalls, rent and license | | 909 00 |
| Eave stalls, rent and license .... | | 693 00 |
| Vegetable stalls, rent and license | | 244 00 |
| Street Eave stalls, rent and license | | 66 00 |
| Wholesale stalls, rent and license | | 1,325 00 |
| Gutter stalls, rent and license... | | 6 00 |
| Movable stalls, rent and license. | | 550 00 |
| Per diem rents..... | | 2,137 80 |
| | | $8,216 80 |

TABLE C—Continued.

*Richmond Market*—George H. Clifton, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stalls, rent and license | | $ 326 00 |
| Permanent stalls, rent and license | | 143 00 |
| Fish stalls, rent and license..... | | 130 00 |
| Eave stalls, rent and license..... | | 121 50 |
| Space stalls, rent and license.... | | 170 00 |
| Street Eave stalls, rent and license | | 10 00 |
| Kerb stalls, rent and license..... | | 135 00 |
| Aisle stalls, rent and license.... | | 40 00 |
| Movable stalls, rent and license | | 64 00 |
| Per diem rents..... | | 1,442 67 |
| | | $ 2,582 17 |

TABLE C—Continued.

*Fell's Point Market*—F. Buckheimer, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stall rents | | $ 1,295 00 |
| Fish stall rents | | 52 00 |
| Permanent stall rents | | 392 00 |
| Eave stall rents | | 378 00 |
| Vegetable stall rents | | 826 00 |
| Street Eave stall rents | | 26 00 |
| Movable stall rents | | 52 00 |
| Per diem rents | | 1,633 05 |
| Licenses | | 1,920 00 |
| | | $ 6,574 05 |

TABLE C—Continued.

*Lafayette Market*—Thomas Briddell, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stalls | | $ 105 00 |
| Eave stalls | | 407 75 |
| Permanent stalls | | 490 35 |
| Space stalls | | 95 00 |
| | | $ 1,098 10 |

TABLE C—Continued.

*North-East Market*—Michael Kunkel, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stalls | | $ 195 00 |
| Permanent stalls | | 72 00 |
| Fish stalls | | 14 00 |
| Eave stalls | | 40 00 |
| Vegetable stalls | | 636 00 |
| Street Eave stalls | | 12 00 |
| Cucumber stalls | | 24 00 |
| Per diem rents | | 649 05 |
| Licenses | | 889 00 |
| | | $2,531 05 |

TABLE C.—Continued.

*Canton Market*—Daniel Cadden, Clerk.

| | Dr. | Cr. |
|---|---|---|
| Butcher stalls | | $50 00 |
| Permanent stalls | | 33 00 |
| Eave stalls | | 41 00 |
| Per diem rents | | 169 40 |
| Licenses | | 125 00 |
| | | $418 40 |

TABLE C.—Continued.

*Summary of Markets.*

| | Dr. | Cr. |
|---|---|---|
| Hanover Market | | $6,240 35 |
| Belair " | | 8,315 25 |
| Cross street " | | 4,201 30 |
| Lexington " | | 12,557 75 |
| Hollins " | | 3,667 85 |
| Centre " | | 8,216 80 |
| Richmond " | | 2,582 17 |
| Fell's Point " | | 6,574 05 |
| Lafayette " | | 1,098 10 |
| Northeast " | | 2,531 05 |
| Canton " | | 418 40 |
| | | $56,403 07 |
| *Expenses of cleaning, repairs, &c.* | | |
| Hanover Market | $445 46 | |
| Belair " | 517 93 | |
| Cross street " | 308 05 | |
| Lexington " | 602 90 | |
| Hollins " | 355 00 | |
| Centre " | 668 10 | |
| Richmond " | 412 70 | |
| Fell's Point " | 518 80 | |
| Lafayette " | 244 37 | |
| Northeast " | 178 00 | |
| Canton " | 158 20 | |
| | | 4,409 51 |
| | | $51,993 56 |

TABLE C—Continued.

*Public Halls.*

| | Dr. | Cr. |
|---|---|---|
| *Cross Street Hall—* | | |
| By amount received for rent.... | | $ 204 00 |
| To amount paid for cleaning, &c. | 36 50 | |
| *Hollins Hall—* | | |
| By amount received for rent.... | | 275 00 |
| To amount paid for cleaning, &c. | 53 75 | |
| To balance, December 31, 1888.. | 388 75 | |
| | $ 479 00 | $ 479 00 |

## TABLE C—Continued.

*Receipts from Licenses.*

| | |
|---|---|
| Wagons, 1 horse | $16,016 05 |
| " 2 horses | 8,192 95 |
| " 4 horses | 609 50 |
| Carts | 5,352 55 |
| Drays | 763 70 |
| Omnibuses and Cars | 1,717 10 |
| Hacks | 1,108 10 |
| Package Carts | 498 05 |
| Lighters | 284 30 |
| Bacon | 2,700 00 |
| Puddings | 213 20 |
| Merchandise | 263 35 |
| Foreign Fruit | 557 40 |
| Billiards | 1,437 35 |
| Bagatelle | 445 85 |
| Ten-pins | 50 00 |
| Pawnbrokers | 800 00 |
| Dogs | 775 95 |
| Coal Oil | 1,702 15 |
| Flying Horses and Swings | 64 15 |
| Theatricals | 2,853 00 |
| | $46,404 70 |

TABLE C.—Continued.

*General License.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $1,500 00 |
| To amount paid for painting numbers, advertising, &c | 1,352 50 | |
| To balance, December 31, 1888. | 147 50 | |
| | $1,500 00 | $1,500 00 |

## TABLE C—Concluded.

*Collection of Wharfage from January 1, 1888 to December 31, 1888.*

| DATE. | 1st District. | 2d District. | 3d District. | 4th District. | 5th District. | Aggregate. |
|---|---|---|---|---|---|---|
| January | $75 45 | $238 52 | $427 45 | $539 37 | $1,240 05 | $2,520 84 |
| February | 22 50 | 100 20 | 520 57 | 504 08 | 1,241 48 | 2,388 83 |
| March | 78 60 | 129 36 | 588 04 | 499 10 | 1,311 65 | 2,606 75 |
| April | 92 75 | 147 00 | 237 54 | 503 09 | 1,524 61 | 2,504 99 |
| May | 53 45 | 251 25 | 250 70 | 475 50 | 1,915 69 | 2,946 59 |
| June | 79 20 | 236 44 | 346 13 | 436 71 | 1,666 75 | 2,765 23 |
| July | 68 00 | 324 44 | 324 97 | 440 22 | 1,857 64 | 3,015 27 |
| August | 46 15 | 469 40 | 557 58 | 453 02 | 1,972 48 | 3,498 63 |
| September | 97 85 | 351 92 | 620 15 | 632 00 | 1,831 86 | 3,533 78 |
| October | 90 05 | 297 46 | 592 33 | 511 00 | 1,546 45 | 3,037 29 |
| November | 39 45 | 146 17 | 501 25 | 520 75 | 1,428 12 | 2,635 74 |
| December | 73 25 | 158 98 | 258 63 | 524 13 | 1,126 78 | 2,141 77 |
| | $816 70 | $2,851 14 | $5,225 34 | $6,038 97 | $18,663 56 | $33,595 71 |

| | | |
|---|---|---|
| Total collections from January 1st to December 31st, 1888 | | $33,595 71 |
| Less amount paid to Harbor Masters | $6,719 15 | |
| " " " for rent and incidental expenses | 533 16 | |
| " " " for boatmen's salary | 1,200 00 | 8,452 31 |
| Net revenue | | $25,143 40 |

## TABLE D.

*Criminal Court.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $60,000 00 |
| To amount paid bailiffs | $7,500 00 | |
| " " " Sheriff | 9,571 85 | |
| " " " Clerk | 12,943 05 | |
| " " " State's Attor'y. | 12,560 16 | |
| " " " Stenographers. | 1,271 50 | |
| " " " for incidental expenses | 26 25 | |
| " " " grand and petit jurors | 15,033 14 | |
| " " " attorneys for defending parties charged with infraction of criminal laws | 265 00 | |
| " " " for board of jurors | 474 00 | |
| " " " stationery for Grand Jury. | 90 85 | |
| " " " W. M. Carey for judge's calendar | 200 00 | |
| " " " for detectives' services and expenses | 58 50 | |
| " " " for witness fees. | 55 55 | |
| " " " for chemical analysis | 125 00 | |
| " " " for survey | 21 00 | |
| " " " for photographs | 16 00 | |
| " " " for expert testimony | 150 00 | |
| By balance December 31, 1888. | | 361 85 |
| | $60,361 85 | $60,361 85 |

TABLE D.—Continued.

*Superior Court.*

| | | Dr. | Cr. |
|---|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | | $13,000 00 |
| To amount paid Bailiffs | | $ 4,500 00 | |
| " " | Clerk | 2,294 15 | |
| " " | Jurors | 6,229 50 | |
| " " | Janitor | 350 00 | |
| " " | Sheriff | 344 60 | |
| By balance, December 31, 1888 | | | 728 25 |
| | | $13,728 25 | $13,728 25 |

TABLE D—Continued.

*Court Common Pleas.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $13,000 00 |
| To amount paid Clerk | $ 2,874 66 | |
| " " Bailiffs | 4,500 00 | |
| " " Watchman | 1,000 02 | |
| " " Jurors | 4,641 00 | |
| " " Sheriffs | 330 20 | |
| " " incidentals | 163 77 | |
| By balance, December 31, 1888 | | 509 65 |
| | $13,509 65 | $13,509 65 |

TABLE D—Continued.

*Baltimore City Court.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $13,000 00 |
| To amount paid Clerk | $ 3,045 28 | |
| " " Bailiffs | 4,500 00 | |
| " " Sheriff | 232 00 | |
| " " Jurors | 4,930 50 | |
| To balance, December 31, 1888 | 292 22 | |
| | $13,000 00 | $13,000 00 |

TABLE D—Continued.

*Circuit Court.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $2,900 00 |
| To amount paid Bailiff and Messenger | $ 1,500 00 | |
| " " " Watchman | 900 00 | |
| " " Clerk | 71 05 | |
| " " for Stationery | 406 22 | |
| To balance, December 31, 1888 | 22 73 | |
| | $2,900 00 | $2,900 00 |

TABLE D—Continued.

*Orphans' Court.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $7,500 00 |
| To amount paid Judges | $ 5,652 00 | |
| " " Bailiff | 1,256 00 | |
| " " Janitor | 900 00 | |
| " " for incidentals | 129 15 | |
| By balance, December 31, 1888 | | 437 15 |
| | $7,937 15 | $7,937 15 |

*Supreme Bench.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $2,575 00 |
| To amount paid Judges | $ 2,500 00 | |
| " " City Collector for furnishing list of taxpayers | 75 00 | |
| | $2,575 00 | $2,575 00 |

## TABLE D—Continued.

*Magistrates.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $15,650 00 |
| By appropriation, Resolution No. 167, 1888 | | 612 00 |
| To amount paid Magistrates | $14,666 13 | |
| " " Substitutes | 652 50 | |
| To balance, December 31, 1888 | 943 37 | |
| | $16,262 00 | $16,262 00 |

*Fines.*

| | Dr. | Cr. |
|---|---|---|
| By amount of City's proportion of fines | | $3,892 47 |
| To amount paid for fines remitted by the Mayor | $ 1,488 50 | |
| To balance, December 31, 1888 | 2,403 97 | |
| | $3,892 47 | $3,892 47 |

TABLE D—Continued.

*Judgments and Suits.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $5,000 00 |
| To amount paid sundry judgments rendered against the M. & C. C. by various courts, and for sundry expenses paid | $ 1,673 15 | |
| To balance, December 31, 1888 | 3,326 85 | |
| | $5,000 00 | $5,000 00 |

*City Council.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $53,000 00 |
| By appropriation, Resolution No. 4, 1888 | | 2,150 00 |
| To amount paid to members | $29,802 88 | |
| " " " clerks &c | 13,800 00 | |
| " " for printing and other expenses | 11,319 78 | |
| To balance, December 31, 1888 | 227 34 | |
| | $55,150 00 | $55,150 00 |

TABLE D—Continued.

*Police Department.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $710,000 00 |
| To amount paid on warrants of the Board of Police Commissioners | $721,167 89 | |
| By balance, December 31, 1888 | | 11,167 89 |
| | $721,167 89 | $721,167 89 |
| Received from the City Collector, on account of the levy for the Police Department | | $664,877 44 |

TABLE D—Continued.

*Supervisors of Elections.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $6,000 00 |
| To amount paid Supervisors and Clerks salaries | $3,208 93 | |
| " " for advertising, and incidental expensses | 403 96 | |
| " " extra clerical assistance | 360 00 | |
| To balance, December 31, 1888 | 2,027 11 | |
| | $6,000 00 | $6,000 00 |

TABLE D—Continued.

*Removed Cases.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $ 8,500 00 |
| By amount received from County Commissioners of Baltimore County | | 4,681 20 |
| To amount paid to sundry parties. | $ 6,280 72 | |
| To balance, December 31, 1888 | 6,900 48 | |
| | $13,181 20 | $13,181 20 |

## TABLE D—Continued.

*Registration.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $41,000 00 |
| By appropriation, Resolution No. 2, 1888 | | 14,305 65 |
| To amount paid Counsellor of Registers | $ 300 00 | |
| To amount paid Registration Officers and room rent | 38,832 78 | |
| To amount for advertising &c | 19,181 78 | |
| " " Stationery, &c | 1,801 08 | |
| By amount transferred from Election, account as per Resolution No. 10, December 7, 1888 | | 4,756 85 |
| To balance, December 31, 1888 | | 53 14 |
| | $60,115 64 | $60,115 64 |

TABLE D—Concluded.

*Baltimore City Jail.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $60,000 00 |
| By amount received for board of United States prisoners | | 1,757 15 |
| By amount received for hire of prisoners | | 336 86 |
| To amount paid on warrants of the Board of Visitors | $53,908 44 | |
| To balance December 31, 1888 | 8,185 57 | |
| | $62,094 01 | $62,094 01 |

## TABLE E.

*Receipts from taxation and other sources, and payments on account of interest on the Stock Debt.*

| | Dr. | Cr. |
|---|---|---|
| Received from the City Collector on account of the levy for miscellaneous stock..... | | $ 905,634 58 |
| Received from the Baltimore and Ohio Railroad Company, interest on the $5,000,000 loan..... | | 300,000 00 |
| Received from the Park Board, interest on Public Park, and Patterson Park Extension loan..... | | 41,333 96 |
| Received from Water Board for interest on Water Loans of 1894, 1916, 1922 and 1926.. | | 480,630 00 |
| Received from Western Maryland Railroad Company interest on 1925 loan..... | | 82,740 00 |
| Paid interest on Stock Debt..... | $1,858,768 66 | |
| By balance, December 31, 1888..... | | 48,430 12 |
| | $1,858,768 66 | $1,858,768 66 |

TABLE E—Continued.

*Receipts on account of Sinking Funds.*

| | Dr. | Cr. |
|---|---|---|
| Received from City Passenger Railway Companies, for Park Sinking Fund, as follows: | | |
| Baltimore City Passenger Railway Company | | $ 6,161 26 |
| Citizens' Passenger Railway Company | | 3,547 29 |
| North Baltimore Passenger Railway Company | | 4,111 33 |
| York Road Passenger Railway Company | | 299 13 |
| Baltimore Union Passenger Railway Company | | 1,692 71 |
| Central Passenger Railway Company | | 1,489 18 |
| People's Passenger Railway Company | | 1,630 21 |
| Highlandtown and Point Breeze Railway Company | | 229 35 |
| To amount paid Commissioners of Finance | $19,160 46 | $19,160 46 |

## TABLE E.—Continued.

*Loans.*

| | Dr. | Cr. |
|---|---|---|
| Amount borrowed from sundry parties..... | | $2,080,000 00 |
| To amount paid sundry parties..... | $1,165,000 00 | |
| To balance, December 31, 1888..... | 915,000 00 | |
| | $2,080,000 00 | $2,080,000 00 |

TABLE E.—Continued.

*General Interest.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888..... | | $ 94,000 00 |
| By amount received from City Collector for interest on arrears of taxes..... | | 128,687 28 |
| To amount paid for interest on loans and accounts due by the M. and C. C. of Baltimore..... | $135,081 80 | |
| To balance, December 31, 1888..... | 87,605 48 | |
| | $222,687 28 | $222,687 28 |

TABLE E.—Continued.

*Water Board.*

| | Dr. | Cr. |
|---|---|---|
| By balance, January 1, 1888 | | $ 7,457 92 |
| By amount received from water rents and other sources | | 800,583 36 |
| By amount received from City Collector on account of water tax | | 48,903 52 |
| To amount paid on warrants of the Water Board for interest on loans, salaries and other expenses | $832,387 02 | |
| To balance, December 31, 1888 | 24,557 78 | |
| | $856,944 80 | $856,944 80 |

## TABLE E.—Continued.

*Dog Pound.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $1,500 00 |
| By amount received for dead dogs. | | 122 44 |
| " " " dogs sold at auction | | 15 68 |
| By amount received for dogs redeemed | | 132 75 |
| To amount paid for dogs captured. | $ 830 25 | |
| " " " fuel and feed.. | 17 75 | |
| " " " ground rent.... | 300 00 | |
| To balance, December 31, 1888... | 622 87 | |
| | $1,770 87 | $1,770 87 |

## TABLE E.—Continued.

*Public Schools.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $132,500 00 |
| To amount paid on warrants of the Board of School Commissioners | $126,531 48 | |
| To balance, December 31, 1888 | 5,968 52 | |
| | $132,500 00 | $132,500 00 |

*Receipts from various sources :*

| | |
|---|---|
| From the City Collector, account of the tax levy | $583,974 59 |
| From the State, city's proportion of State tax | 159,592 16 |
| From John F. Plummer, executor | 129 55 |
| From H. M. Cowles' secretary. | 6,104 84 |
| | $749,801 14 |

TABLE E.—Continued.

*Public Schools—Salaries.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $610,000 00 |
| By amount transferred from public schools | | 3,991 80 |
| To amount paid on warrants of the Board of School Commissioners | $613,991 80 | |
| | $613,991 80 | $613,991 80 |

*Manual Training School.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $15,000 00 |
| By amount transferred from public schools | | 1,971 10 |
| To amount paid on warrants of the Board of School Commissioners | $16,971 10 | |
| | $16,971 10 | $16,971 10 |

TABLE E.—Continued.

*City Property.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $4,200 00 |
| By sundry parties, for ground rents due the city | | 160 00 |
| To amount of rents paid to sundry parties | $3,697 84 | |
| To balance, December 31, 1888 | 662 16 | |
| | $4,360 00 | $4,360 00 |

TABLE E—Continued.

*Special Appropriations.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, favor Levi Herzog... | $ 27 24 | $ 27 24 |
| By appropriation, Resolution No 28, favor Jas. Coughlin. | 34 20 | 34 20 |
| By appropriation, Resolution No. 37, favor Jno. F. Wiener | 162 11 | 162 11 |
| By appropriation, Resolution No. 77, favor Wm. H. King. | 207 50 | 207 50 |
| By appropriation, Resolution No. 78, favor Rev. Jas. Gibbons..... | 207 50 | 207 50 |
| By appropriation, Resolution No. 85, favor P. Fitzpatrick. | 50 00 | 50 00 |
| By appropriation, Resolution No. 84, favor Dr. Y. S. Marriott..... | 100 00 | 100 00 |
| By appropriation, Resolution No. 105, favor Mrs. C. Ochse | 10 00 | 10 00 |
| By appropriation, Resolution No. 145, favor Inspector of Gas, &c..... | 500 00 | 500 00 |
| By appropriation, Resolution No. 158, favor A. Bouldin... | 104 00 | 104 00 |
| By appropriation. Resolution No. 160, favor Second Congregational Church..... | 25 92 | 25 92 |
| By appropriation, Resolution No. 165, favor Zick Bros.... | 12 00 | 12 00 |
| By appropriation, Ordinance No. 111, favor Jno. S. Berry, Jno. Hubner and W. J. King. | 1,326 08 | 1,326 08 |
| | $2,766 55 | $2,766 55 |

TABLE E—Continued.

*Gas and Electric Lights.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $230,000 00 |
| To amount paid for electric lights | $103,298 12 | |
| To amount paid for gas | 126,701 88 | |
| | $230,000 00 | $230,000 00 |

TABLE E.—Continued.

*Water Loan* 1926.

| | Dr. | Cr. |
|---|---|---|
| By amount received from sale of bonds | | $400,000 00 |
| To amount paid on warrants of the Water Board | $354,884 09 | |
| To balance Dec. 31, 1888 | 45,115 91 | |
| | $400,000 00 | $400,000 00 |

*State Tax on City Loans.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $12,000 00 |
| By amount received from City Register, Commissioners of Finance and Western Maryland Railroad, account of State tax on City loans | | 22,330 64 |
| To amount paid State Treasurer | $38,326 74 | |
| By balance, Dec. 31, 1888 | | 3,996 10 |
| | $38,326 74 | $38,326 74 |

TABLE E.—Concluded.

*Raising Bridge at Gwynn's Falls.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $1,500 00 |
| To amount transferred to repair bridges | $ 414 51 | |
| To amount transferred to repair sewers | 1,000 00 | |
| To balance, December 31, 1888 | 85 49 | |
| | $1,500 00 | $1,500 00 |

## TABLE F.

*Druid Hill and Patterson Parks.*

| | Dr. | Cr. |
|---|---|---|
| By balance, January 1, 1888. | | $ 32 96 |
| By amount received from City Passenger Railway Companies, as follows: | | |
| From Baltimore City Passenger Railway Company.. | | 65,979 04 |
| From Citizens Passenger Railway Company..... | | 14,189 17 |
| From York Road Passenger Railway Company..... | | 1,196 51 |
| From North Baltimore Passenger Railway Company.. | | 16,445 43 |
| From Baltimore Union Passenger Railway Company.. | | 6,770 84 |
| From Central Passenger Railway Company..... | | 5,956 75 |
| From People's Passenger Railway Company..... | | 6,520 86 |
| From Point Breeze Railway Company ..... | | 917 41 |
| By amount received from Park Commissioners on account of Druid Hill Park.. | | 3,336 13 |
| On account of Patterson Park. | | 240 00 |
| " " Riverside " | | 237 32 |
| " " Federal Hill... Park ..... | | 350 00 |
| " " Loan's..... | | 10,000 00 |
| To amount paid on warrants of the Park Commissioners. | $128,766 26 | |
| To balance, December 31, 1888. | 2,818 84 | |
| | $131,585 10 | $131,585 10 |

TABLE F.—Concluded.

*Riverside Park.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $4,756 17 |
| By amount received from Park Commissioners | | 237 32 |
| To amount paid on warrants of the Park Commissioners | $4,664 47 | |
| To balance, December 31, 1888 | 329 02 | |
| | $4,993 49 | $4,993 49 |

*Federal Hill Park.*

| | Dr. | Cr. |
|---|---|---|
| By appropriation, Ordinance No. 37, 1888 | | $5,894 85 |
| By amount received from Park Commissioners | | 350 00 |
| To amount paid on warrants of the Park Commissioners | $6,238 80 | |
| To balance, December 31, 1888 | 6 05 | |
| | $6,244 85 | $6,244 85 |

## STATEMENT A.

| ACCOUNTANTS. | Appropriations. | Expenditures. | Receipts. | Balance, Dr. | Balance, Cr. |
|---|---|---|---|---|---|
| PUBLIC SQUARES. | | | | | |
| Johnston Square | $2,022 70 | $1,841 94 | 04 | | $ 180 80 |
| Collington Square | 2,533 53 | 2,527 54 | | | 5 99 |
| Harlem Square | 6,625 00 | 6,623 48 | | | 1 52 |
| Eutaw Squares, first division | 1,800 00 | 1,800 00 | | | |
| Eutaw Squares, second division | 4,900 00 | 4,900 00 | | | |
| Mount Vernon Squares | 1,000 00 | 1,000 00 | | | |
| Park Place Squares | 500 00 | 377 22 | | | 122 78 |
| Broadway Squares, first div | 2,000 00 | 1,874 15 | | | 125 85 |
| Broadway Squares, sec. div | 2,000 00 | 1,999 98 | | | 02 |
| Madison Square | 2,200 00 | 2,187 76 | | | 12 24 |
| Lafayette Square | 1,400 00 | 1,226 25 | | | 173 75 |
| Franklin Square | 1,500 00 | 1,500 00 | | | |
| Jackson Square | 1,100 00 | 1,041 16 | | | 58 84 |
| Perkins Spring Square | 1,850 00 | 1,850 00 | | | |

| | | | | | |
|---|---|---|---|---|---|
| Eastern Fountain | 1,200 00 | 1,153 84 | | | 46 16 |
| Ashland Square | 150 00 | 129 81 | | | 20 19 |
| Union Square | 2,000 00 | 1,755 18 | | | 244 82 |
| Baker Circle | 300 00 | 300 00 | | | |
| Mt. Royal Avenue Square | 1,500 00 | 1,498 52 | | | 1 48 |
| Frick's Triangle | 500 00 | 464 33 | | | 35 67 |
| Taney Place Squares | 300 00 | 300 00 | | | |
| HEALTH DEPARTMENT. | | | | | |
| General Health | 15,010 36 | 15,006 75 | | | 3 61 |
| Salaries | 32,300 00 | 32,205 08 | | | 94 92 |
| Quarantine Hospital | 18,000 00 | 17,677 86 | 4,005 68 | | 4,327 82 |
| Nuisances | 12,400 00 | 12,285 00 | | | 115 00 |
| Post Mortems | 1,000 00 | 1,000 00 | | | |
| HARBOR BOARD. | | | | | |
| Dredging, salaries, &c. | 50,000 00 | 49,064 10 | | | 935 90 |
| Ice-boat F. C. Latrobe | 14,000 00 | 12,144 36 | | | 1,855 64 |
| Repairs of Wharves | 4,202 70 | 3,602 70 | | | 600 00 |
| Repairs of City Dock | 9,500 00 | 8,144 14 | | | 1,355 86 |
| Bulkhead Little Hawkins' Pt. | 4,600 00 | 4,597 77 | | | 2 23 |
| Re-survey of Harbor, &c. | 500 00 | 401 70 | | | 98 30 |
| | $198,894 29 | $192,480 62 | $4,005 72 | | $10,419 39 |

STATEMENT A—Continued.

| Accounts. | Appropriations. | Expenditures. | Receipts. | Balance, Dr. | Balance, Cr. |
|---|---|---|---|---|---|
| CLEANING STREETS. | | | | | |
| Salaries, cleaning streets, &c. | 256,390 00 | 256,384 84 | | | 5 16 |
| Removal of garbage | 9,000 00 | 9,000 00 | | | |
| Cleaning streets, special | 5,000 00 | 2,651 70 | | | 2,348 30 |
| CITY COLLECTOR. | | | | | |
| Salaries, incidentals, &c. | 51,900 00 | 51,900 00 | | | |
| Appeal Tax Court | 300 00 | 299 48 | | | 52 |
| CITY POOR. | | | | | |
| Bayview Asylum | 80,000 00 | 79,998 98 | 2,927 43 | | 2,928 45 |
| House of Refuge | 20,000 00 | 20,000 00 | | | |
| House of Reformation | 10,000 00 | 10,000 00 | | | |
| St. Mary's Industrial School | 20,000 00 | 20,000 00 | | | |
| Baltimore University | 2,535 00 | 2,535 00 | | | |
| Maryland General Hospital | 2,535 00 | 2,535 00 | | | |
| Mount Hope Retreat | 38,943 95 | 38,943 95 | 4,405 00 | | 4,405 00 |

| | | | | | |
|---|---|---|---|---|---|
| Maryland Hospital for Insane. | 14,000 00 | 12,070 97 | 1,170 00 | ..... | 3,099 03 |
| Deaf and Dumb ..... | 500 00 | 496 55 | ..... | ..... | 3 45 |
| Widows & Orphans, war of 1812 | 200 00 | 100 00 | ..... | ..... | 100 00 |
| Maryand University..... | 6,750 00 | 6,750 00 | ..... | ..... | ..... |
| Washinton University..... | 6,750 00 | 6,750 00 | ..... | ..... | ..... |
| Female House of Refuge..... | 3,000 00 | 3,000 00 | ..... | ..... | ..... |
| St. Vincent's Infant Asylum.. | 5,000 00 | 4,999 94 | ..... | ..... | 06 |
| Home of the Friendless..... | 2,100 00 | 2,100 00 | ..... | ..... | ..... |
| Nursery and Child's Hospital. | 3,000 00 | 2,749 98 | ..... | ..... | 250 02 |
| St. Elizabeth's Colored Orphan Asylum..... | 2,000 00 | 1,499 94 | ..... | ..... | 500 06 |
| Industrial Home for Colored Girls ..... | 1,500 00 | 1,500 00 | ..... | ..... | ..... |
| Boys' Home Society..... | 3,000 00 | 3,000 00 | ..... | ..... | ..... |
| St. Mary's Female Orphan Asylum..... | 3,500 00 | 3,083 30 | ..... | ..... | 416 70 |
| Balto. Manuel Labor School.. | 1,000 00 | 1,000 00 | ..... | ..... | ..... |
| Shelter for Aged Colored Poor | 500 00 | 500 00 | ..... | ..... | ..... |
| St. Mary' Home for Colored Children..... | 500 00 | 500 00 | ..... | ..... | ..... |
| DISPENSARIES | | | | | |
| Homœpathic, free..... | 700 00 | 700 00 | ..... | ..... | ..... |
| Northeastern..... | 900 00 | 900 00 | ..... | ..... | ..... |
| | $556,103 95 | $549,649 63 | $8,502 43 | ..... | $14,956 75 |

STATEMENT A—Continued.

| Accounts. | Appropriations | Expenditures. | Receipts. | Balance, Dr. | Balance, Cr. |
|---|---|---|---|---|---|
| DISPENSARIES—CONTINUED. | | | | | |
| Eastern | 900 00 | 900 00 | | | |
| Southern | 900 00 | | | | 900 00 |
| Baltimore General | 600 00 | 600 00 | | | |
| Baltimore Medical | 1,000 00 | 1,000 00 | | | |
| Northwestern | 400 00 | 400 00 | | | |
| Physicians and Surgeons | 800 00 | 800 00 | | | |
| Woman's and Child's Hospital | 500 00 | 500 00 | | | |
| Baltimore University | 1,000 00 | 1,000 00 | | | |
| University of Maryland | 800 00 | 800 00 | | | |
| Polyclinic Free | 500 00 | 500 00 | | | |
| College of Dental Surgery | 400 00 | 400 00 | | | |
| GENARAL SUP'T LAMPS' DEP'T. | | | | | |
| Gasoline lamps, lamp pillars, &c | 21,968 00 | 19,723 11 | 70 00 | | 2,314 89 |
| Lamplighters' salaries | 46,514 00 | 46,514 00 | | | |

| | | | | | |
|---|---|---|---|---|---|
| Inspecting gas meters | | | 2,678 50 | | 2,678 50 |
| General Sup't of Lamps | 300 00 | 300 00 | | | |
| INSPECTOR OF BUILDINGS' DEPARTMENT. | | | | | |
| Salaries, incidentals, &c. | 6,200 00 | 6,200 00 | | | |
| Repairs of public schools | 10,000 00 | 9,989 05 | | | 10 95 |
| Repairs of city property | 22,000 00 | 21,997 03 | | | 2 97 |
| Permits for sheds, &c | | 1,248 65 | 6,528 49 | | 5,279 84 |
| Building engine house in West Baltimore | 9,700 00 | 9,694 00 | | | 6 00 |
| Building colored High and Grammar School | 25,000 00 | 24,989 00 | | | 11 00 |
| Cleaning cess-pools | 1,500 00 | 1,215 00 | | | 285 00 |
| New truck house in South Baltimore | 1,907 19 | 1,899 00 | | | 8 19 |
| Building addition to Grammar School No. 21 | 4,068 13 | 4,068 13 | | | |
| Repairs to Female Gammar School No. 18 | 250 00 | 242 00 | | | 8 00 |
| Building Primary School No. 8 | 9,000 00 | 9,000 00 | | | |
| Reslating Baltimore City Jail | 6,000 00 | 5,996 75 | | | 3 25 |
| Building Grammar School No. 2 | 15,000 00 | 15,000 00 | | | |
| | $187,208 32 | $184,975 72 | $9,276 99 | | $11,509 59 |

STATEMENT A—Continued.

| Accounts. | Appropriations | Expenditures. | Receipts. | Balance, Dr. | Balance, Cr. |
|---|---|---|---|---|---|
| INSPECTOR OF BLD'GS—CONT'D | | | | | |
| Repairs to 5th Reg't Armory | 1,000 00 | 999 63 | | | 37 |
| Building addition to Howard Zouave Armory | 1,000 00 | 1,000 00 | | | |
| Laying drain pipe from No. 9 Engine House | 800 00 | 716 25 | | | 83 75 |
| Sanitary improvements at public schools | 3,000 00 | 2,989 33 | | | 10 67 |
| Painting school houses | 5,000 00 | 5,000 00 | | | |
| Improvements at No. 8 Grammar School | 900 00 | 900 00 | | | |
| Repairs at No. 7 Engine House | 250 00 | 243 85 | | | 6 15 |
| Wood ceilings in public schools | 3,000 00 | 3,000 00 | | | |
| Building colored school in West Baltimore | 9,000 00 | 4,470 34 | | | 4,529 66 |

| | | | | | |
|---|---|---|---|---|---|
| Draining cellar of No. 2 Primary School | 275 00 | 260 00 | ..... | ..... | 15 00 |
| Illuminated clock, No. 6 Engine House | 900 00 | 895 43 | ..... | ..... | 4 57 |
| Cleaning front steps of the City Hall | 150 00 | 150 00 | ..... | ..... | ..... |
| Furnishing Circuit Court No. 2 | 1,000 00 | 1,000 00 | ..... | ..... | ..... |
| CITY COMMISSIONER'S DEP'T. | | | | | |
| Salaries, incidentals, &c. | 9,600 00 | 9,590 94 | ..... | ..... | 9 06 |
| Improvement Jone's Falls | ..... | 124,484 95 | 194,142 84 | ..... | 69,657 89 |
| Repairs paved streets | 85,000 00 | 84,945 33 | 510 10 | ..... | 564 77 |
| Repairs to bridges | 9,500 00 | 9,499 51 | ..... | ..... | 49 |
| Repairs to sewers | 11,000 00 | 10,886 92 | 2,163 50 | ..... | 2,276 58 |
| Light street bridge | 2,000 00 | 1,998 41 | 139 23 | ..... | 140 82 |
| Iron plates | 3,000 00 | 2,997 90 | 48 75 | ..... | 50 85 |
| Flag and stepping stones | 8,000 00 | 7,970 21 | ..... | ..... | 29 79 |
| Cross streets | 21,580 97 | 21,403 46 | ..... | ..... | 177 51 |
| Improvement Harford Run | 10,669 52 | 65,969 98 | 107,727 25 | ..... | 52,426 79 |
| Repairs of unpaved sreets | 1,500 00 | 1,463 77 | ..... | ..... | 36 23 |
| Paving city property | 1,000 00 | 685 42 | ..... | ..... | 314 58 |
| Improvement Fulton avenue | 4,227 75 | 4,230 51 | 75 80 | ..... | 73 04 |
| Retaining wall Falls road | 16,000 00 | 15,042 62 | ..... | ..... | 957 38 |
| Paving streets in Bolton prop. | 7,223 57 | 7,214 07 | ..... | ..... | 9 50 |
| | $216,576 81 | $390,008 83 | $304,807 47 | | $131,375 45 |

STATEMENT A—Continued.

| Accounts. | Appropriations | Expenditures. | Receipts. | Balance, Dr. | Balance, Cr. |
|---|---|---|---|---|---|
| CITY COMMISSIONER'S DEP'T CON'D. | | | | | |
| Mosher street sewer | 5,500 00 | 5,468 86 | | | 31 14 |
| Central avenue sewer | 5,200 00 | 5,159 07 | | | 40 93 |
| Monum't to John Lee Chapman | 600 00 | 575 00 | | | 25 00 |
| Parking Wilkens avenue | 3,500 00 | 3,176 36 | | | 323 64 |
| Repaving Cross st. Market | 9,500 00 | 8,974 50 | 215 25 | | 740 75 |
| Repaving Fells Point Market | 4,850 00 | 4,845 00 | 118 75 | | 123 75 |
| Culvert at Calvert and Eager sts | 1,300 00 | 1,240 42 | | | 59 58 |
| Trapping inlets Central av sewer | 221 45 | 221 45 | | | |
| Inlets to Pratt street sewer | 1,000 00 | | | | 1,000 00 |
| Inlets to sewer, Camden and Howard streets | 500 00 | | | | 500 00 |
| Trapping Thames street sewer | 350 00 | 347 33 | | | 2 67 |
| Trapping Broadway sewer | 350 00 | 333 85 | | | 16 15 |

| | | | | |
|---|---|---|---|---|
| Trapping sewer Lexington and Arch streets | 350 00 | | | 350 00 |
| Sewer in Fulton avenue | 10,000 00 | 9,649 04 | | 350 96 |
| Vaults and Areas | | | 1,097 80 | 1,097 80 |
| Paving loan 1920 | | 1,434 03 | 2,413 85 | 979 82 |
| Repairing floor of Calvert st. bridge | 536 05 | 536 05 | | |
| Repairing floor of St. Paul st. bridge | 946 27 | 946 27 | | |
| Shelling East Monument and Fayette streets | 1,500 00 | 1,276 86 | | 223 14 |
| Shelling Ferry Bar road | 500 00 | 425 64 | | 74 36 |
| Shelling Liberty Road | 75 00 | 75 00 | | |
| Shelling Ridgely & Bayard sts | 700 00 | 460 08 | | 239 92 |
| Shelling Warner street | 400 00 | 334 81 | | 65 19 |
| FIRE DEPARTMENT. | | | | |
| Salaries, new apparatus, repairs, &c | 235,604 25 | 235,600 11 | 406 93 | 411 07 |
| Fire alarm boxes, No. 6 Truck House | 500 00 | 496 00 | | 4 00 |
| Hook and Ladder Co. No. 6 | 11,200 00 | 11,199 02 | | 98 |
| | $295,183 02 | $292,774 75 | $4,252 58 | $6,660 85 |

## STATEMENT A—Continued.

| Accounts. | Appropriations. | Expenditures. | Receipts. | Balance, Dr. | Balance, Cr. |
|---|---|---|---|---|---|
| FIRE DEPARTMENT—CONT'D. | | | | | |
| Engine Co. No. 14 | 15,000 00 | 15,002 91 | 4 00 | | 1 09 |
| Fire alarm boxes at various places | 2,085 00 | 2,083 00 | | | 2 00 |
| Improved machinery, Police and Fire Alarm Telegraph | | 5,100 00 | | 5,100 00 | |
| MISCELLANEOUS. | | | | | |
| Mayoralty | 3,000 00 | 2,176 86 | | | 823 14 |
| Transportation of poor | 1,000 00 | 887 46 | | | 112 54 |
| Auction duties | | | 8,369 06 | | 8,369 06 |
| City Librarian | 8,000 00 | 7,991 89 | 79 28 | | 87 39 |
| Refunded taxes | 3,000 00 | 3,502 35 | | 502 35 | |
| Court House | 6,551 00 | 6,534 53 | | | 16 47 |

| | | | | |
|---|---|---|---|---|
| Masonic Hall | 3,452 42 | 3,451 79 | | 63 |
| General expense | 1,200 00 | 1,148 42 | | 51 58 |
| Superintendent of City Hall | 22,068 71 | 21,646 95 | | 421 76 |
| Insurance of Bayview Asylum | 1,305 00 | 1,305 00 | | |
| Public printing | 2,800 00 | 2,799 53 | 134 00 | 134 47 |
| Extension of City limits | 7,000 00 | 9,707 96 | 2,707 96 | |
| Assistance to Examiner Titles | 1,500 00 | 807 00 | | 693 00 |
| Coroners | 2,400 00 | 2,400 00 | | |
| Salaries | 73,269 60 | 72,607 09 | 133 33 | 795 84 |
| Commiss'ners Opening Streets | 200 00 | 128 77 | | 71 23 |
| Tax Sales | 1,200 00 | 95 80 | 2,177 09 | 3,281 29 |
| Elections | 14,000 00 | 9,243 15 | | 4,756 85 |
| Transportation to House of Correction | 400 00 | 196 00 | | 204 00 |
| Maryland Institute | 6,000 00 | 6,000 00 | | |
| Ringing Mechanics' bells | 200 00 | 200 00 | | |
| Winding Md. Institute clock | 75 00 | 75 00 | | |
| New fire plugs, fountains, &c. | 5,000 00 | 5,000 00 | | |
| Enoch Pratt Free Library | 50,000 00 | 50,000 00 | | |
| Iceboat Maryland | 10,000 00 | 10,000 00 | | |
| Intestate estates | | | 93 99 | 93 99 |
| | $240,706 73 | $240,091 46 | $10,990 75 | $8,310 31 | $19,916 33 |

STATEMENT A—Continued.

| Accounts. | Appropriations. | Expenditures. | Receipts. | Balance, Dr. | Balance, Cr. |
|---|---|---|---|---|---|
| Turnpike dividends | | | 509 65 | | 509 65 |
| Patterson Park extension | | | 338 93 | | 338 93 |
| Sale of City property | | | 606 50 | | 606 50 |
| Release of mortgage, No. 6 Engiee house | 6,180 00 | 6,180 00 | | | |
| Lot for a colored school | 7,000 00 | 7,000 00 | | | |
| Lot for Manual Train'g School | 7,800 00 | 7,800 00 | | | |
| Improv'ts at Eastern Fountain | 175 00 | 173 50 | | | 1 50 |
| Repairing records of Circuit Court | 2,000 00 | 2,000 00 | | | |
| Music at the parks | 3,000 00 | 3,000 00 | | | |
| Survey for removal of North street tracks | 2,000 00 | 1,032 37 | | | 967 63 |

| | | | | | |
|---|---|---|---|---|---|
| Baltimore Light Infantry.... | 1,000 00 | 1,000 00 | ..... | ..... | ..... |
| Monument to Francis Scott Key..... | 5,000 00 | ..... | ..... | ..... | 5,000 00 |
| Unclaimed damages..... | ..... | 9,397 72 | 9,396 22 | 1 50 | ..... |
| | $34,155 00 | $37,583 59 | $10,851 30 | $1 50 | $7,424 21 |

## STATEMENT B.

| Accounts. | Appropriations | Expenditures. | Receipts. | Balance, Dr. | Balance, Cr. |
|---|---|---|---|---|---|
| Opening Patapsco street | 819 15 | 89 50 | ..... | ..... | 729 65 |
| Opening Wolfe street | ..... | 2 50 | ..... | 2 50 | ..... |
| Opening Robert street | 10,574 50 | 22,000 00 | 7,874 71 | 3,550 79 | ..... |
| Opening Oliver street | ..... | 1,279 14 | 116 31 | 1,162 83 | ..... |
| Opening Hoffman street | ..... | ..... | 1,483 57 | ..... | 1,483 57 |
| Opening Townsend street | ..... | 280 58 | ..... | 280 58 | ..... |
| Opening Mount street | ..... | 93 70 | ..... | 93 70 | ..... |
| Opening Cannon street | 28,882 32 | 49,295 79 | 24,735 21 | ..... | 4,321 74 |
| Opening Preston street | 3,592 36 | 2,791 36 | 1,400 00 | ..... | 2,201 00 |
| Opening Monroe street | 2,433 54 | 6,236 00 | 4,102 46 | ..... | 300 00 |
| Opening Chester street | ..... | 317 38 | ..... | 317 38 | ..... |
| Opening Patuxent street | ..... | 1 00 | ..... | 1 00 | ..... |
| Opening East street | 509 72 | 7,800 00 | 6,679 67 | 610 61 | ..... |
| Opening Mt. Royal avenue | 163,666 09 | 242,233 99 | 64,046 22 | 14,521 68 | ..... |
| Opening Patterson Park av. | 26,355 32 | 1,176 00 | 4,064 96 | ..... | 29,244 28 |

| | | | | | |
|---|---|---|---|---|---|
| Opening Carey street | | 205 28 | | 205 28 | |
| Opening Russell street | | 30 63 | | 30 63 | |
| Opening Barclay street | | 115 00 | | 115 00 | |
| Opening Patapsco alley | | 26 00 | | 26 00 | |
| Opening Race street | 554 62 | 46 50 | | | 508 12 |
| Opening Kirby's lane | | 47 00 | | 47 00 | |
| Opening Biddle street | | 179 62 | | 179 62 | |
| Opening Donaldson street | 8,358 49 | 17,353 43 | 9,558 00 | | 563 06 |
| Opening Beverlin street | | 82 03 | 1 75 | 80 28 | |
| Opening Clarkson alley | 519 65 | 1,226 00 | 988 37 | | 282 02 |
| Opening McComas street | 7,417 77 | 12,400 86 | 5,430 75 | | 447 66 |
| Opening Clement street | | 94 38 | 581 09 | | 486 71 |
| Opening Federal street | | 538 85 | | 538 85 | |
| Opening Jephson street | 8,972 40 | 15,137 05 | 6,849 50 | | 684 85 |
| Opening Hope street | 1,682 23 | 4,320 52 | 2,929 00 | | 290 71 |
| Opening Johnson street | | 40 00 | | 40 00 | |
| Widening Orleans street | 2,689 96 | 3,270 64 | 1,193 70 | | 613 02 |
| Opening 12 feet alley, from Lanvale street | | 1 00 | | 1 00 | |
| Opening Lanvale street | | 61 10 | | 61 10 | |
| Opening Scott street | | 1 00 | | 1 00 | |
| Opening Collington avenue | | 226 13 | 2,742 85 | | 2,516 72 |
| Opening Mosher street | | 16 00 | | 16 00 | |
| | $260,028 12 | $389,015 96 | $144,778 12 | $21,882 83 | $44,673 11 |

STATEMENT B.—Continued.

| Accounts. | Appropriations. | Expenditures. | Receipts. | Balance, Dr. | Balance, Cr. |
|---|---|---|---|---|---|
| Opening Henry street | | 105 82 | | 105 82 | |
| Opening Mulberry street | | 69 24 | | 69 24 | |
| Opening Stockholm street | 2,067 75 | 112 69 | 198 00 | | 2,153 06 |
| Opening Etting street | | 43 00 | | 43 00 | |
| Opening Beason street | | 93 25 | | 93 25 | |
| Opening Douglas street | | 2,260 24 | | 2,260 24 | |
| Opening Morton alley | | 1 00 | | 1 00 | |
| Opening Pulaski street | | 340 44 | | 340 44 | |
| Opening Payson street | | 93 87 | | 93 87 | |
| Opening Nanticoke street | | 114 42 | | 114 42 | |
| Opening Wicomico street | 3,638 14 | 6,260 31 | 3,068 00 | | 445 83 |
| Opening Fulton avenue | 1,675 73 | 4,946 75 | 3,767 50 | | 496 48 |
| Opening Harlem avenue | | 23 18 | 1,021 13 | | 997 95 |
| Opening Saratoga street | | 68 19 | | 68 19 | |
| Opening Madison street | | 45 13 | | 45 13 | |

| | | | | |
|---|---|---|---|---|
| Opening Clare street | | 51 53 | 51 35 | |
| Opening Exeter street | | 506 86 | 1,318 68 | 811 82 |
| Opening alley from Central avenue to Eden street | | 1 00 | 1 00 | |
| Opening alley from Caroline to to Spring street | | 1 00 | 1 00 | |
| Opening alley from Eden to Spring street | | 1 00 | 1 00 | |
| Opening 9 feet 9½ inch alley from Eden to Spring street | | 1 00 | 1 00 | |
| Opening alley from Caroline to Dallas street | | 1 00 | 1 00 | |
| Opening Dallas street | 2,049 78 | 2,219 15 | 602 50 | 433 13 |
| Opening Wooster street | | 45 50 | 45 50 | |
| Opening Carroll street | | 84 80 | 84 80 | |
| Opening South Paca street | | 50 00 | 50 00 | |
| Opening Wilcox street | | 18 00 | 10 66 7 34 | |
| Opening Cooksie street | | 72 00 | 72 00 | |
| Opening Andre street | | 342 31 | 342 31 | |
| Opening Richardson street | | 237 37 | 237 37 | |
| Opening Port alley | | 72 52 | 72 52 | |
| Opening Penn street | | 47 50 | 47 50 | |
| Opening Bouldin alley | | 49 85 | 49 85 | |
| | $9,431 40 | $18,379 74 | $9,986 47 $4,300 14 | $5,338 27 |

STATEMENT B—Continued.

| Accounts. | Appropriations | Expenditures. | Receipts. | Balance, Dr. | Balance, Cr. |
|---|---|---|---|---|---|
| Opening Calhoun street | 25,598 17 | 30,833 21 | 5,380 51 | | 145 47 |
| Opening Carrollton avenue | | 159 37 | | 159 37 | |
| Opening Cemetery lane and Tenant street | | 298 90 | | 298 90 | |
| Opening Towson street | | 267 51 | | 267 51 | |
| Opening Clemm street | | 162 32 | | 162 32 | |
| Opening Castle alley | | 361 25 | | 361 25 | |
| Opening Spring street | | 338 79 | | 338 79 | |
| Opening Elizabeth lane | | 132 74 | | 132 74 | |
| Opening Orleans and Low sts | | 2 00 | | 2 00 | |
| Opening Chew street | | 188 00 | | 188 00 | |
| Opening Eastern avenue | | 496 05 | | 496 05 | |
| Opening Butcher's lane | | 79 50 | | 79 50 | |
| Opening Fourth alley | | 1 00 | | 1 00 | |
| Opening V alley | | 1 00 | | 1 00 | |

| | | | | | |
|---|---|---|---|---|---|
| Opening Brown's lane | | 1 00 | | 1 00 | |
| Opening Kirby's lane | | 2 00 | | 2 00 | |
| Opening Carey street | | 1 00 | | 1 00 | |
| Opening an alley from Eden to String street | | 1 00 | | 1 00 | |
| Opening Belvidere street | | 300 30 | | 300 30 | |
| Opening Philadelphia road | | 244 71 | | 244 71 | |
| Opening Birckhead street | | 43 40 | | 43 40 | |
| | $25,598 17 | $33,915 05 | $5,380 51 | $3,080 94 | $145 47 |

## TABLE G.

Amount paid for paving streets, also the amount received from the City Collector, payments by sundry parties.

| | Dr. | Cr. |
|---|---|---|
| Paving Broadway | $ 2,448 83 | |
| " Biddle street | 490 14 | $ 639 41 |
| " Monroe street | 95 40 | |
| " Mount street | 103 08 | |
| " Eden street | 118 79 | |
| " Townsend street | 117 29 | |
| " North street | | 25 74 |
| " Eutaw street | | 827 16 |
| " Lexington street | | 683 49 |
| " East Baltimore street | | 58 52 |
| " Calhoun street | 124 17 | 108 51 |
| " Smallwood street | 714 40 | 801 69 |
| " Chester street | 7,526 90 | 8,336 14 |
| " North avenue | 14,985 34 | 3,840 51 |
| " Hoffman street | 1,980 42 | 559 88 |
| " McHenry street | | 173 42 |
| " Orleans street | 3,307 28 | 2,486 17 |
| " Franklin street | | 803 46 |
| " Mosher street | 137 73 | |
| " Tennant street | 53 09 | |
| " Edmondson avenue | | 9,456 85 |
| " Belt street | 492 13 | |
| Amounts carried forword | $32,694 99 | $28,800 95 |

| | | |
|---|---|---|
| Amounts brought forward... | $32,694 99 | $28,800 95 |
| Paving Wilkins avenue..... | 438 08 | |
| " Bruce alley..... | 60 87 | |
| " East Fayette street.... | 430 49 | 62 68 |
| " Fulton avenue..... | 44,692 45 | 9,024 13 |
| " Cross street..... | 96 67 | |
| " Gold street..... | 156 32 | |
| " Bethel street..... | | 127 36 |
| " Box alley..... | 1,256 77 | 1,196 71 |
| " Oliver street..... | | 723 40 |
| " Lanvale street..... | 724 79 | 6,003 21 |
| " Gay street..... | | 13,178 66 |
| " Patterson Park avenue. | 326 76 | |
| " Wolfe street..... | 380 21 | |
| " Ostend street..... | 6,052 55 | 2,698 54 |
| " Holbrook street..... | 4,401 30 | 75 57 |
| " Cannon street..... | 189 78 | |
| " Interest..... | | 4,743 56 |
| By balance, December 31, 1888. | | 25,267 26 |
| | $59,207 04 | $63,101 08 |

## TABLE H.

Amounts expended in the annexed territory.

| | Dr. | Cr. |
|---|---|---|
| Lamp pillars | $ 2,458 31 | |
| Lamplighters | 5,055 12 | |
| Gas and electric lights | 3,132 54 | |
| Fire Department | 14,247 66 | |
| Police Department | 38,464 43 | |
| Cleaning streets | 7,594 96 | |
| Health (general) | 111 87 | |
| " (salaries) | 1,183 24 | |
| Nuisances | 721 62 | |
| Repairs, streets, roads, &c | 12,966 47 | $13,000 50 |
| " City property | 1,500 00 | 1,500 00 |
| Surveys and plats | 950 00 | 950 00 |
| Public schools, general | 38,206 16 | |
| " " special | 5,095 94 | 6,000 00 |
| Maryland Hospital for the Insane | 650 00 | |
| | $132,338 32 | $21,450 50 |

# ANNUAL REPORT

OF THE

# CITY COMMISSIONER,

TO THE

*Mayor and City Council of Baltimore,*

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1888.

# REPORT.

CITY COMMISSIONER'S OFFICE—CITY HALL,
BALTIMORE, January 1, 1889.

*To the Honorable the Mayor*
*and City Council of Baltimore:*

GENTLEMEN:

The annual report of this Department for the year ending December 31st, 1888, is herewith submitted.

## REPAIRS OF PAVED STREETS.

On the 12th day of April the general repairing of the streets was commenced and continued with the full force until the 21st of November, at which date, the appropriation being nearly exhausted, the major part of the work was discontinued and no more men employed than the small amount of means at command would justify.

As in previous years, the distribution of the twelve repair gangs was as follows: Six in the upper district and six in the lower, the dividing line being at Calvert

street. The Western District was under the general supervision of Mr. Michael Naughton; the Eastern, as heretofore, was in charge of Mr. Christopher Billopp, Assistant City Commissioner, until November 1st, when he resigned, and was succeeded by Mr. Michael Naughton.

The streets paved with Belgian blocks were found to require very considerable repair, and it was judged advisable to organize a gang for that particular work. This gang was put to work on April 12th, 1888, and was continued until the general repairs of streets were closed. This gang was found to be very useful, and the work was found to be better done and at less expense than by employing men to do it by the square foot, as has heretofore been done.

The condition of South street, from Baltimore street to Lombard street, is so bad that I urgently recommend the repaving of it with Belgian blocks. The asphalt blocks with which it was paved are worn out, and in many places I have been compelled to patch it with Belgian blocks and cobble stones to keep it in anything like a safe condition for travel.

The Belgian pavement on Light street, from Pratt to Lee street, which was laid fourteen years ago, is in bad condition, and I would recommend that it be thoroughly repaired, and that the street from Lee to Montgomery street be laid with Belgian blocks. The traffic over this street is so great and heavy that it requires to be repaired annually at a very great cost; the cost of repairs to the cobble stones being much greater than is required for the Belgian blocks.

Pratt street, from Howard street to Fremont street, should also be laid with Belgian blocks, as from the nature of the ground and the heavy travel over it, the present cobble stone pavement requires to be entirely repaved annually.

If Franklin street, from Howard street to Pennsylvania avenue, were paved with Belgian blocks, the Belgian pavements on Eutaw and Howard streets would be connected, and greater facilities for travel on this important street would be afforded.

I beg leave to refer to the suggestions in my annual reports for the years 1886 and 1887 in relation to the frequent disturbance of the beds of paved streets by corporations, whose operations in excavating for the purpose of laying gas and other pipes are beyond the control of this Department—and, in fact, of the city authorities generally.

The necessity for laying improved pavements, particularly in the business portions of the city, has been so fully discussed in previous reports, and is so familiar to the Mayor and City Council and the public generally, that I think it needs no further comment from me.

REPAIRS OF STREETS.

The amount of the appropriation for the work was $85,000. Of this sum there was expended $84,945.33. Materials used and work performed by the several repair gangs, by reference to Table D, will be found to be as follows: Whole number of square feet of repaving with cobble stones, 2,407,426; linear feet kerb

reset, 8,880; loads of sand, 34,143; perches of stone used, 4,449½; Belgian block repairs, 49,828 square feet; asphalt block repairs, 10,359 square feet; making the total repairs on streets for the year, 2,467,613 square feet.

Materials used, with amount of money expended:

| | |
|---|---|
| Pay of Superintendents and laborers | $67,497 80 |
| Repairs of Belgian block pavement, by contract | 367 00 |
| Repairs of asphalt block pavement, by contract with Maryland Pavement Company | 1,262 60 |
| Pay of Superintendent and laborers of Belgian block repair gang | 1,918 69 |
| Cost of sand | 2,874 53 |
| Other materials and tools | 11,024 71 |
| | $84,945 33 |

*Recapitulation.*

| | |
|---|---|
| Amount of work done, 2,467,613 square feet. | |
| Amount of appropriation, $85,000. | |
| Amount expended, $84,945.33. | |
| Amount expended for labor, including cost of repairs to Belgian block and asphalt block pavements | $71,046 09 |
| Cost of materials, also tools of all kinds | 13,899 24 |
| | $84,945 33 |

Cost per sq. ft. of cobble stone pavement, $3\frac{331}{1000}$ cts.
Cost per sq. ft. of asphalt pavement, $12\frac{1188}{1000}$ cts.
Cost per sq. ft. of Belgian block pavement, $4\frac{587}{1000}$ cts.

It will be observed that the cost per square foot for repairs of streets is slightly more than last year. This can be accounted for by the increased cost of sand—which, by the way, is getting to be a scarce commodity —and by the superior character of work done. The longer distances from which sand has now to be hauled tends also to increase the expense of repairs. In this connection I would state that I have secured a large quantity of sand on very favorable terms for next year's operations.

### REPAIRS TO ASPHALT PAVEMENTS.

Repairs to asphalt pavements were made during the year as follows: Madison street, between Charles and Garden streets, one hundred and fifty-two square yards; along the east side of Charles street, between Eager and Chase streets, six hundred and fourteen square yards; along the west side of Charles street, between Read and Chase streets, three hundred and three square yards; one-half of the intersection of Charles and Eager streets, fifty-seven square yards.

In addition to the above, a new gutter was made along the west kerb of Washington Place, from Madison street south, comprising twenty-five square yards of paving.

Total, 1,151 square yards, at $\$1.01\frac{65}{100}$.....$1,170 00

### REPAIRS OF UNPAVED STREETS.

I have endeavored to keep unpaved streets in as good condition as the limited appropriation for the purpose

would allow. The Falls road from Maryland avenue to North avenue, and North avenue from Greenmount avenue to Belair avenue, were repaired with stone, gravel and shells to a very considerable amount.

SHELLING OF UNPAVED STREETS.

The following streets were shelled during the year:

Monument street, Fayette street and Loney's lane were shelled, per Resolution 38, of 1887, at a cost of $1,276.86.

Ferry Point road, per Resolution 30, of 1888; cost $425.64.

Ridgeley street and Bayard street, per Resolution 65, of 1888; cost $460.08.

Warner street, per Resolution 31, of 1888; cost $334.81.

The Liberty road, per Resolution 67, of 1888; cost $75.00.

In my report for 1887 I called attention to the bad condition of North avenue from Greenmount avenue to Belair avenue, and asked that $2,500 be appropriated to put it in good condition by shelling. The resolution for this purpose failing to be approved, far less work could be done than was necessary. I now ask that a resolution be passed appropriating $2,000 to gravel and shell the same.

## PAVING OF NEW STREETS.

Table C, which is annexed to this report, gives the names of streets, lanes and alleys that were paved during the year, with the names of contractors, the dates when the work was commenced, the date of completion, the prices for paving, and the number of square feet paved.

The following streets are now under contract and will be completed during the year:

Cannon street, from North avenue to Oliver street.
Washington avenue, from Bush to Putnam street.
Monroe street, from Baltimore to Winchester street.
Mount Boyal avenue and Hoffman street, from North to Dolphin street.
Wolfe street, from Belair avenue to North avenue.

## FULTON AVENUE.

The work of repaving Fulton avenue, from Edmondson avenue to Presstman street, with asphalt blocks, suspended, as stated in my last report, on December 24, 1887, was resumed on April 12, 1888, and completed and accepted on June 1, 1888.

The intersections of Fulton avenue with the several cross streets (with the exception of those at Edmondson avenue and Harlem avenue) and the space occupied by the Central Passenger Railway tracks were paved with small Belgian blocks, as these portions of the pavement are subjected to the greatest amount of wear.

In Table B, page 92, of my report for the year 1887, will be found the item of $5,500 for the improvement of Fulton avenue. This amount includes the sum of $3,500 authorized by the ordinance for repaving and parking Fulton avenue, to be provided for in the levy for 1888, with the additional sum of $2,000, which was estimated to be necessary to complete the parking. The amount appropriated by the Council for the purpose above stated was $4,227.75. In consequence of this reduction there was not sufficient money to pay in full for the kerbing of the parks, there being a deficiency as below:

| | |
|---|---|
| Total kerb, 7,192⅓ feet, at 89 cents | $6,401 17 |
| Total of payments | 5,437 90 |
| Amount due William F. Weller, contractor. | $963 27 |

This amount, $963.27, will have to be provided for in the levy for 1889.

Below is a statement of the cost of paving in the carriage-ways and cross streets and of kerbing along the sidewalks:

| | |
|---|---|
| Paving 21,668 square yards at $2.50 | $54,170 00 |
| Kerbing and incidentals | 6,165 11 |
| | $60,335 11 |
| Proportion paid by the city (cross streets) | $12,422 99 |
| Proportion paid by property-holders | 47,912 12 |
| | $60,335 11 |

Cost to property-holders per front foot $7.61 $\frac{769}{1000}$.

The parking was paid for entirely by the city, as required by the ordinance.

### WILKENS AVENUE.

In accordance with Ordinance No. 48, of 1887, amended by Ordinance No 82, of 1887, and further amended by Ordinance No. 16, of 1888, to park, grade, and pave Wilkens avenue between Gilmor and Bentalou streets, the kerb for parks was set in the squares between Monroe and Bentalou streets during the year 1887, and the balance between Monroe and Gilmor streets during the present year.

| | |
|---|---|
| Total park kerbing, 5,809 feet at eighty-nine cents | $5,070 01 |
| Setting kerb, etc | 505 74 |
| Total cost | $5,575 75 |

The grading and paving was commenced in the spring of the present year and completed on December 15th. The work having been finished so late in the year, I am unable to give a detailed statement of cost, which will appear in my report for 1889.

### FLAGSTONES LAID IN 1888.

| Location. | No. of Rows. |
|---|---|
| Aliceanna and Luzerne streets | 1 |
| Mount and Franklin streets | 1 |
| Mount and Saratoga streets | 1 |
| Saratoga and Greene streets | 1 |
| Paca and Mulberry streets | 2 |
| Lexington street and Myrtle avenue | 1 |
| Fremont avenue and German street | 1 |
| Fayette street, near Fremont avenue | 1 |
| Lombard street, near Fremont avenue | 1 |

| Location. | No. of Rows. |
|---|---|
| McDonogh and Eager streets | 1 |
| Chase and Wolfe streets | 1 |
| Chase and McDonogh streets | 1 |
| Chase and Ann streets | 1 |
| Federal and Caroline streets | 1 |
| Ensor and Chew streets | 2 |
| Gay, near Aisquith street | 1 |
| Ensor and Monument streets | 2 |
| Ensor and Madison streets | 1 |
| Caroline and Jefferson streets | 2 |
| Aisquith and Douglas streets | 1 |
| Light and Lee streets | 2 |
| Collington and Eastern avenues | 1 |
| Gough street and Madeira alley | 1 |
| Elliott and Canton streets | 1 |
| O'Donnell and Canton streets | 2 |
| Eastern avenue and Broadway | 1 |
| Central avenue and Gay street | 1 |
| Harford and North avenues | 1 |
| Fell, near Thames street | 1 |
| Dolphin street and Fremont avenue | 1 |
| Harlem and Fremont avenues | 2 |
| Myrtle avenue and Dolphin street | 1 |
| Carey and Baker streets | 3 |
| Nicholson and Haubert streets | 2 |
| Hull street and Fort avenue | 1 |
| Gittings and Light streets | 1 |
| Randall and Marshall streets | 1 |
| Gilmor and Pratt streets | 3 |
| Gilmor and Hollins street | 2 |
| Fremont avenue and Raborg street | 2 |
| Fremont avenue and Vine street | 1 |
| Aliceanna and Luzerne streets | 1 |

| Location. | No. of Rows. |
|---|---|
| Pratt and Mill streets | 1 |
| Pratt, near Howard street | 1 |
| Sharp and Perry streets | 1 |
| Franklin, between Pine and Pearl streets | 1 |
| Pearl street and Chesnut alley | 1 |
| Hamburg street and Sterrett alley | 1 |
| Hamburg, near Cross street | 1 |
| Cross and Nanticoke streets | 1 |
| Poppleton and McHenry streets | 1 |
| Mount and Franklin streets | 1 |
| Franklin and North streets | 1 |
| Baltimore street, near Broadway | 1 |
| Gough and Dallas streets | 2 |
| Fairmount avenue and Broadway | 1 |
| Exeter and Fayette streets | 1 |
| Fayette street and Central avenue | 1 |
| Ann and Bank streets | 3 |
| Thames and Fell streets | 1 |
| Gough and Spring streets | 2 |
| Monument and Castle streets | 1 |
| Fairmount avenue and Castle street | 1 |
| Washington and McElderry streets | 1 |
| McElderry and Chapel streets | 1 |
| Jefferson and Chapel streets | 1 |
| Calvert and Eager streets | 1 |
| Baltimore street and Fulton avenue | 1 |
| Mount and Fayette streets | 1 |
| Gilmor and Lexington streets | 1 |
| Saratoga and Carlton streets | 1 |
| Fremont avenue and Mosher street | 1 |
| North avenue and Druid Hill avenue | 1 |
| Morris alley and Bloom street | 1 |
| Druid Hill avenue and Roberts street | 1 |

| Location. | No. of Rows. |
|---|---|
| Jenkins alley and Wilson street | 1 |
| Hanover and Ostend streets | 1 |
| West and Hanover streets | 2 |
| Carrollton avenue and Lanvale street | 2 |
| Myrtle avenue and Sarah Ann streets | 1 |
| Eastern avenue and Madeira alley | 1 |
| Lombard, near Chester street | 1 |
| Aliceanna and Chester streets | 1 |
| Fayette street and Madeira alley | 1 |
| George and Pine streets | 1 |
| Jefferson and Ann streets | 1 |
| Monument and Washington streets | 1 |
| Bond and Jefferson streets | 1 |
| Madison and Aisquith streets | 1 |
| Baltimore street and Patterson Park avenue | 1 |
| Mosher street and Park avenue | 1 |
| Stoddard alley and Lanvale street | 1 |
| Mulberry street and Myrtle avenue | 2 |
| North avenue and Hope street | 1 |
| Central avenue and Oliver street | 1 |
| Chase and Ensor streets | 1 |
| Lombard and Lloyd streets | 1 |
| Belair avenue and Lanvale street | 1 |
| Chester and Keyser streets | 1 |
| Fayette and Bond streets | 1 |
| Lancaster and Burke streets | 2 |
| Belair avenue, near Oliver street | 1 |
| Washington street and Fairmount avenue | 1 |
| Frederick avenue, near Payson street | 1 |
| North avenue and Aisquith street | 1 |
| Dallas and Preston streets | 1 |
| Calhoun and Mulberry streets | 1 |
| Total | 129 |

GUTTER-PLATES.

Resolution No. 59, approved March 27th, 1888, directs that gutter-plates shall be put down over the gutters at the following points, viz.:

North gutter at Columbia avenue and Scott street.
West gutter at Pratt and Calhoun streets.
North gutter at Columbia avenue and Barre street.
East and west gutters at Bond and Chase streets.
West gutter at Eastern avenue and Bond street.
East and west gutters at Pratt and Payson streets.
North and south gutters at High and Fawn streets.
North and south gutters at Albemarle and Fawn streets.
North and south gutters at Caroline and Pratt streets.
East and west gutters at Bank and Chester streets.
East and west gutters at Wolfe and Gough streets.
Gutter at Patterson Park avenue and Essex street.
East and west gutters at Gough street and Collington avenue.
New plates at northeast and northwest corners of Gay and Baltimore streets.
Gutters at intersection of Cross, Wyeth, and Sassafras streets.
West gutter at Eutaw and Barre streets.
West gutter at Eutaw and Lee streets.
Gutter at Bank street and Castle alley.
East and west gutter at Eutaw and Hamburg streets.
North gutter at Aisquith and Hoffman streets.
Gutters at intersection of Boston and Concord streets.
Gutters at intersection of Aisquith and Preston streets.

The sum of three thousand dollars was appropriated to defray the cost of the proposed work. This sum was barely sufficient to pay for putting down plates at four points, viz.: Over the east and west gutters at Bond and Chase streets; the gutter at Patterson Park avenue and Essex street; the west gutter at Pratt and Payson streets; and the renewal of plates at the northeast and northwest corners of Gay and Baltimore streets.

| | |
|---|---|
| Amount of appropriation | $3,000 00 |
| Cost of work | 2,997 90 |
| | $2 10 |

Many of the plated gutters constructed from ten to twelve years ago are getting so much out of repair, by reason of the decay of the wooden sills which support the plates, that they will require especial attention, and in many cases entire reconstruction next year. I would, therefore, respectfully recommend that, in addition to the regular appropriation for putting down new gutter plates, the sum of at least one thousand ($1,000) dollars be provided in the levy for 1889, to be applied to the repair and reconstruction of such existing gutters as may require the same.

In addition to the iron gutter-plates put down, the south gutter at the intersection of Calvert and Eager streets was constructed with bricks and cement, and covered with granite slabs, as required by Resolution No. 62, approved March 27, 1888:

| | |
|---|---|
| Amount of appropriation | $1,300 00 |
| Cost of work | 1,240 42 |
| | $59 58 |

FALLS ROAD RETAINING WALL.

The Falls road retaining wall was built in pursuance of Ordinance No. 125, approved October 27, 1886, which ordinance provides for the grading, paving and kerbing of the Falls road from Maryland avenue to the Maryland Central Railroad Company's property, and the construction of a retaining wall along the southwestern side of the said road.

The above ordinance does not provide the means necessary for the construction of the wall, and consequently the work was delayed until the following year, 1887.

The work was commenced on November 12, 1887, and completed on October 1, 1888, the sum of $16,000 having been provided in the levy for the year 1888 to defray the cost of the same.

The work was done by Messrs. Nardin and Tracey, under contract with the Mayor and City Council, at the following prices, viz.:

Excavation, 39 cents per cubic yard.

Masonry, $5.25 per cubic yard.

Coping, 67 cents per square foot.

The wall extends, as required by the ordinance, from the west side of Maryland avenue, near the bridge over the Northern Central Railway, to a point opposite the southernmost corner of the property of the Maryland Central Railroad Company—a distance of 677½ feet.

The dimensions of the wall are as follows: At the southern end: Height, twenty-four feet; thickness at base, eight feet; and thickness at top, three feet. At the northern end: Height, five feet; thickness at base, three and one-half feet; and thickness at top, three feet; the coping being parallel to the grade of the Falls road.

The width of the road has been increased at Maryland avenue from twenty-two feet to thirty-nine feet, and at the northern end of the wall from twenty-eight feet to thirty-six feet. This width of thirty-six feet does not represent the proper width of the road, as the Maryland Central Railroad Company has encroached upon the bed of the road with its wall. At intermediate points the road has a width of from forty-two to fifty feet.

The cost of the above described retaining wall is as follows:

| | |
|---|---|
| Excavation, 2,392 $\frac{5}{10}$ cubic yards, at 39 cents. | $ 933 08 |
| Masonry, 1,956 $\frac{6}{10}$ cubic yards, at $5.25 | 10,272 15 |
| Coping, 2,387 square feet, at 67 cents | 1,599 29 |
| Removal of excavated material, salaries, etc. | 2,238 10 |
| Total | $15,042 62 |

The paving and kerbing of the Falls road has necessarily been postponed until the completion of the wall; and as this result was not reached until the first of October, I concluded that it would be advisable to put off the work of paving until the spring of 1889, to allow sufficient time for the complete settlement of

the heavy fill of earth behind the wall, and also that I might have an opportunity to recommend to the City Council the passage of an ordinance providing for paving the road with Belgian blocks. The traffic on this road is so heavy and continuous that I am satisfied an ordinary cobble stone pavement would not possess the necessary strength and durability. I would, therefore, recommend a pavement of Belgian blocks for this road; the blocks to be of larger dimensions than those used elsewhere in the city. There is a pressing necessity for this improvement.

### LIGHT-STREET BRIDGE.

Previous to June 1st, 1888, the cost of maintenance of this bridge was divided between the Commissioners of Anne Arundel county and the Mayor and City Council of Baltimore. After that date, the whole cost was thrown upon the Mayor and City Council, by legislative enactment.

In my estimate of expenses for the year 1888, I asked for the sum of three thousand dollars, as the city's portion. This was cut down by the City Council to two thousand dollars. Besides the usual repairs to the floor, it was found that the cap logs to sustain the floor were so much decayed, that the safety of the traveling public required that many of them should be removed without delay; hence the large expenditure for lumber and labor. Immediate and absolutely necessary repairs to the boiler and engine and draw were also made, which cost during the year $730.22. These extraordinary expenses, in conjunction with the fact that for

seven months of the year the city had to pay the whole expense of maintaining the bridge, instead of one-half as heretofore, will account for the large outlay, and for the deficiency in the appropriation, which amounts to $2,164.92.

As I stated in my last annual report, the cost of maintaining this bridge will continue to increase from year to year. This bridge is four thousand five hundred and fifty-one feet long, with a width of twenty feet, and is really the only means of approach to the city from a large area of Anne Arundel county, which is more densely populated than any other portion of the county. The great travel over it requires that the flooring should be renewed at least every two years. To cover it once requires 364,000 feet of lumber, which, at the present rate for lumber of a character fit for such use, amounts to $8,372 at $23 per one thousand feet. To this should be added at least a fourth of that amount for extra labor and material upon the superstructure, making the sum $10,465. The annual charge for salaries of the keeper, engineer, and lamplighter amounts to $1,560. These items show that it requires at least $6,792 annually to maintain the bridge. This sum capitalized at the current rate of interest would amount to about $200,000.

In view of the above facts, I am of opinion that in the near future it would be advisable to replace portions of this very temporary structure by a permanent causeway, with open water-ways distributed along its line, and that Marshall street be extended from its present terminus to the north end of the bridge. The

present winding and badly-graded road from the foot of Marshall street could then be disused. These improvements would be of great practical benefit to the public, and decrease considerably the cost of maintaining the bridge.

Many persons are of the opinion that this bridge, on account of the cost of maintenance, ought to be removed, and a steam ferry substituted for it. My opinion is that a much better and less costly project would be to build a permanent bridge from the south end of the present bride to Shepherd's Point, from which a road could be made to connect with the lower Annapolis road which crosses Harman's bridge. This would open the Middle Branch of the Patapsco river to vessels of all kinds without the delay and inconvenience of a draw. A ferry could then be started from the south end of Marshall street extended to the Port Warden's line, to connect with the proposed bridge.

This matter is deserving of serious consideration, and is respectfully submitted to the attention of your Honor and the members of the City Council.

The greater depth of water between the foot of Marshall street and Shepherd's Point makes it a more favorable locality for the establishment of a ferry than from Ferry Point to the present southern terminus of the bridge, where the water is much shallower, and would require wharves to be built and continual dredging to be done.

GRADES ESTABLISHED.

1888.

February 6—Federal street from Cannon street to the eastern limits.

April 11—Collington avenue from North avenue to Lanvale street.

May 2—Twenty foot alley running from Payson street to Fulton avenue, between Baltimore and Hollins streets.

May 11—Bouldin alley from Wilson to Laurens street.

May 12—Little Forrest street from Biddle to Preston street.

May 21—Orleans street from Central avenue to Aisquith street.

June 6—Monroe street from Baltimore to Franklin street, and from Lanvale street to Patterson avenue, and to change and re-establish the same from Franklin street to Harlem avenue.

June 6—Holbrook street from Lanvale to Hoffman street, re-established.

June 6—Federal street from Holbrook to Ensor street, re-established.

June 18—Washington avenue from Bush to Putnam street.

June 18—Washington avenue from Putnam street to city limits.

July 2—Wolfe street from Belair avenue to Preston street.

July 9—Carey street from Baker to Cumberland street.

August 9—Clifton street from northern extension of Payson street to Fourth street.

August 9—Myrtle avenue from northern extension of Payson street to Fourth street.

1888.

August 15—Orleans street from Forrest to Aisquith street, re-established.

August 23—Mount Royal avenue and Hoffman street, between the north side of Dolphin street and North street, to establish and re-establish where necessary.

November 19—Collington avenue from Biddle to Monument street.

November 19—Patterson Park avenue from Biddle to Monument street.

November 19—Burke street from Biddle to Monument street.

November 19—Cannon street from Biddle to Monument street.

November 19—Luzerne street from Biddle to Monument street.

November 19—Patapsco street from Biddle to Monument street.

November 19—Chesapeake street from Biddle to Monument street.

November 19—Patuxent street from Biddle to Monument street.

November 19—Potomac street from Biddle to Monument street.

November 19—Canton street from Biddle to Monument street.

November 19—East avenue, or Loney's lane, from Biddle to Monument street.

November 19—Madison street from Chester street to the eastern city limits.

November 19—Chew street from Chester street to the eastern city limits.

1888.

November 19—Chase street from Chester street to the eastern city limits.

December 10—Dallas street from Townsend street to North avenue.

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The following report of Mr. C. A. Hook, who has been in charge of the construction of the improvement of Harford Run since the work was begun, gives a full and clear statement of the progress of the work during the year, and the suggestion of the building of a new bridge across Harris' Creek at Boston street meets with my full approbation; and I would respectfully suggest that authority be given that it be constructed. Plans and drawings for the bridge have been made and are on file in this office.

CAPT. A. E. SMYRK,

*City Commissioner:*

DEAR SIR—In view of the nearness to the completion of the Harford Run improvement, and the fact of all the work having been fully explained in previous reports, I will confine this statement to work done this past season, with a brief reference to the work as a whole. During the past year the work of completing the sewer has been concentrated principally on that portion of it in the bed of Patapsco street between Baltimore and Monument streets. This part of the sewer is circular in form, with a diameter of ten feet. Its bottom is paved above the surface of the ordinary water flow with regular shaped blocks of Port Deposit granite. The balance of the sewer is built of hard bricks laid in hydraulic cement, and the arch is backed throughout its entire length with a spandrel wall of

rubble masonry. In the construction of this work, wherever the natural embankment was sufficiently firm or suitable for foundations, the bottoms were shaped to suit the bed of the sewer. This was only done, however, where the natural ground line was higher than the springing line of the arch. In all cases where the natural ground line was below the springing line of the arch a substantial cradle wall of rubble masonry was built. Of this ten feet sewer there were built during the past year $1{,}798\frac{75}{100}$ linear feet.

The following table shows the dimensions of each section of cross section used in the construction of the southern extension:

| LOCATION OF SECTIONS. | SPAN. | HEIGHT OF SIDE WALLS. | RISE OF ARCH. | LENGTH. |
|---|---|---|---|---|
| Chamber, Monument street | 19.7 and 10.0 | | | 29.00 |
| From Monument, south | 10 ft. circle. | | | 2,900.68 |
| In tunnel, Patterson Park | 10 ft. circle. | | | 633.00 |
| Chamber, Patterson Park | 24.1 and 17.0 | 5.50 | 6.25 | 19.00 |
| Section in Patterson Park | 17.0 | 2.75 | 6.50 | 1,038.50 |
| Arch, Eastern avenue. | 20.0 | | 10.00 | 70.50 |
| Between Eastern ave. and gas house | 24.0 | 2.05 | 7.50 | 731.00 |
| Terminating section.. | 24.0 | 3.25 | 5.50 | 1,461.00 |
| Total length main sewer | | | | 6,882.68 |

REGRADING AND PAVING OF STREETS.

The construction of the Harford Run sewer between Lancaster and Hudson streets made it necessary to change the grades of Lancaster, Hudson, Dillon, Patapsco and Binney streets. These changes, occasioned by the construction of the sewer, were of themselves a great improvement over the old grades. In connection with the grade changes, it became necessary to adopt a drainage system for the above locality. This has all been done in keeping with the drawings and plans submitted for your approval during the execution of the work, except the building of the small parallel sewer to run from Hudson street in Luzerne street to tide-water. The building of this sewer I still consider necessary to prevent damage in heavy floods at the intersection of Hudson and Luzerne streets.

BRIEF DESCRIPTION OF HARFORD RUN IMPROVEMENT.

This work was divided into two sections. One is known as the Northern Extension of Harford Run sewer; the other as the Southern Extension of same. Both contracts were awarded to Messrs Jones & Thorne, the lowest responsible bidders, by His Honor the present Mayor, October 21st, 1885.

The work embraces the extension of the Harford Run sewer north and south as follows: To the limits of the original boundary of the city on the north and to the north building line of Boston street where Harris' Creek terminates at tide-water on the south.

*The Northern Extension*

Is an eight foot circular sewer its entire length. Its location is as follows: Commencing on Chester street at North avenue, it runs in Chester, Townsend, Castle, Lanvale, Wolfe, to Gay street; in Gay street until it intersects the old stone sewer near the Union Railroad bridge; its total length being three thousand feet. Completed August 29th, 1887.

*Southern Extension.*

This portion of the Harford Run improvement is now, with the exception of a few days' work, completed. Its location is as follows: Joining on to the diversion sewer at Monument and Patapsco streets, the sewer runs in the bed of Patapsco street to a point about one hundred feet north of Hudson street, thence it curves to the right with a radius of five hundred feet until it meets a tangent line drawn at right angles with Boston street, where it terminates. For the particulars or details I would refer you to the preceding table, but more particularly to the drawings which will accompany this report. In the preparation of these drawings it was my effort to have shown on paper the exact plans in detail of the work just as it has been built.

The water is now flowing through the entire length of the sewer; and when two or three arches more are turned, the water will run in a continuous sewer from North avenue by the Northern Extension to the Ann street sewer, thence to the Harford Run diversion

tunnel, thence to the Southern Extension, thence to Boston street or tide-water—a total distance of about three miles.

The following figures show the amount of money appropriated to build both extensions of Harford Run sewer, the amounts expended, and an approximate estimate of what will be required to complete the work:

| | | |
|---|---|---|
| Amount of appropriation..... | | $350,000 00 |
| Expended in the year 1885... | $ 4,540 12 | |
| Expended in the year 1886... | 121,444 50 | |
| Expended in the year 1887... | 137,674 40 | |
| Expended in the year 1888... | 65,969 98 | |
| Percentage due and payable at completion of work..... | 11,698 61 | |
| Expended to January 1, 1889. | $341,327 61 | |
| Approximate estimate to complete the work..... | 4,500 00 | |
| | $345,827 61 | |
| Probable balance..... | 4,172 39 | |
| | $350,000 00 | $350,000 00 |

That section of sewer connecting the diverson tunnel with the Northern Extension is badly located, is without uniformity of shape, and in my report of 1887, page 72, I alluded to the necessity of abandoning this old section and building at an approximate cost of $38,700 a sewer to connect with the diversion tunnel at Eager and Wolfe streets, to run up Wolfe street and connect

with the Northern Extension sewer at Gay street. This done, the Harford Run sewer will be new and modern in its entire length, and at the same time will relieve the property on Ann street, between Eager and Gay streets, of being flooded in heavy rains; and also shorten the traveling distance of the water about four hundred and seventy feet. I would still recommend the building of this sewer.

In my last report I recommended the building of a new bridge across Harris' Creek on Boston street in place of the old wooden structure, which is now in very bad condition. The complete sewer will enable the city to contract the span from the present length of the old bridge of one hundred feet to twenty-six and one-half feet. In this connection it will be necessary to build retaining walls along the south building line of Boston street and erect a railing thereon.

| | |
|---|---|
| Approximate estimate for bridge foundations | $16,000 |
| Approximate estimate for bridge | 3,000 |
| | $19,000 |

OGIER'S RUN.

Provision is made with the Harford Run sewer to connect a sewer to provide for Ogier's Run. This stream enters the northeast corner of Patterson Park Extension, and until this sewer is built Patterson Park Extension cannot be improved. Plans and estimates have been made for its completion to the park boundaries. Its estimated cost is $35,000.

I would further call your attention to the necessity of continuing the six-foot sewer connection with the main sewer at Patapsco and Monument streets. The location of the old stone culvert at that point is such that it was impossible to make a proper connection with the new sewer. I would, therefore, urge that the old sewer be abandoned, and the six foot circular sewer be continued in the line of Patapsco street to the north building line of Monument street, with the construction of four large inlets in connection therewith. To do this work will cost about three thousand dollars.

In closing, I would say that the necessity for building the sewers proposed in my report can be better appreciated by examining the drawings of the Harford Run sewers. They are shown on the drawings in dotted lines.

Please accept thanks for the cordial and gentlemanly treatment I have received at your hands since my business association with you.

Respectfully yours,

CHARLES A. HOOK,

*Engineer in Charge.*

SEWERS.

The completion of Mosher street sewer and of Rutter's Run sewer during the present year has been of incalculable benefit to the city, particularly in a financial point of view. The area of ground through

which these sewers are built is about forty feet below the surrounding streets, and has for many years been a dumping ground for all kinds of debris, from cellar dirt to ashes, which accumulated rapidly, and was as rapidly disposed of by every heavy rain-fall, which carried it into Jones' Falls, and from thence into the harbor. It is estimated that at least twenty thousand yards have been annually deposited from this cause alone. A very superficial view of this locality will convince any one as to the heavy outlay entailed upon the city in the past in dredging out of the Falls and harbor the washings from this place. The reduced cost for dredging will save the cost of this improvement in a very short time. The construction of these sewers will not only materially improve the sanitary condition of the neighborhood, but will render a large amount of land available for building purposes.

Extensive improvements were made to the Central avenue sewer at and near Orleans street, of which details are given in the subjoined report of Mr. Kahler.

A section of the sewer to carry off the water of Gwynn's Run was built in the bed of Fulton avenue, between Baker and Presbury streets, and is an important link in this great improvement. I would recommend a continuation of this section northwardly to connect with the section built under North avenue, and southwardly to the section already built at Lanvale street and Brice alley, and from thence to the section lately built under the bed of Edmondson avenue. These improvements are urgently required in order that the streets crossing the line of the run may be

graded and paved. While these improvements are of considerable magnitude, and might not be completed during the present year, it is very important that so much of them as are necessary to open up Fulton avenue to Druid Hill Park and Baker street to the Liberty road should be commenced at once.

*Jenkins' Run or Carter Alley Sewer.*

This much-needed improvement, which was fully discussed in my report for the year 1887, is again set forth in this report. Like the Rutter's Run and Mosher street sewers, it is a continual source of nuisance and heavy expense to the city, the exposed bed of which is constantly used as a dumping ground, and contributes to filling up Jones' Falls and the harbor. For fuller particulars in reference to its construction, etc., I refer to Mr. Kahler's report, and to page 27 of my report for 1887.

*Sewer in Lovegrove Alley and Charles Street.*

The necessity for this sewer, and what is required to be done in connection with it, are fully set forth in the annexed report, and are in accordance with my views on the subject.

*Sewer for the Relief of Camel Alley and Dolphin and Other Streets.*

This matter has been thoroughly digested, and is essential for the protection of the property in the vicinity, and I unhesitatingly recommend it for favorable action.

The other recommendations in Mr. Kahler's report have been carefully considered for some time past, and are fully set forth in my previous reports.

Repairs were made to the various sewers to the full extent of the means at command, and are detailed in Mr. Kahler's report. There is a small force at work at this time in repairing sewers most in need of them, with the view of guarding against damage from the spring freshets, and it will be continued until the general work of repairing is commenced.

At a point in Belair avenue, about one hundred and eighty-five feet southwest from Patterson Park avenue, there is an inlet into which the water from this part of Belair avenue was discharged through a wooden sewer for a short distance, and thence by open channel over private property, to find its way into the Harford Run at Townsend and Chester streets. The water from this inlet during several heavy rain-falls threatened to wash out the foundations of some houses which were being built on the east side of Chester street, south of Townsend street. To remedy this, a shaft was sunk in the Standard Brewing Co.'s property to the depth of about twenty-five feet below the surface, to the small brick sewer which discharges the drainage from said company's vaults. A twenty-inch cast-iron pipe was built in this sewer and carried up perpendicularly to within about six and one-half feet of the surface of the ground. From this point, for the distance of about one hundred and seventy-seven feet and eight inches, a line of twenty-inch cast-iron pipe was laid to receive the water discharging from the inlet in Belair avenue.

Sixty feet of twenty-inch cast-iron pipe was then laid from the Harford Run sewer at Chester and Townsend streets, and about twenty-five feet of brick sewer was built, to connect this with the mouth of the brick sewer from the Standard Brewing Co.'s vaults.

This was the cheapest and most feasible plan to remedy this trouble, and at the same time save the city from any liability for damages. The cost of this work was charged to the appropriation for repairs of sewers.

*Drain for the Relief of North Avenue and Greenmount Avenue.*

The bed of North avenue, for the distance of six hundred feet or more west of Greenmount avenue, had numerous springs coming out at its surface, in consequence of which it was impossible to make the cobblestone paving hold, and in freezing weather it was covered with ice. To remedy this a line of pipe was laid from the sewer under Greenmount avenue for the distance of two hundred and sixty-five feet to a well which was constructed at the northwest corner of Greenmount and North avenues; pipe was then laid north from this well one hundred and six feet to a spring which came out in Greenmount avenue; and a trench was then dug in the bed of North avenue for the distance of six hundred and ten feet west from Greenmount avenue, and filled with broken stone to the depth of two feet; boards were laid on this stone, and the trench filled with earth to the surface of the street. Five branch drains about thirty feet long were constructed at intervals from the main drain.

This has been of great benefit to the avenue, and also to the property binding on it at this point, as there has been no sign of water coming out at the surface since the work was completed. This work was also charged to repairs of sewers.

*Sewer and Inlets in Mount Royal Avenue.*

This fine avenue is in course of construction; but much work is required for its completion, and little more than the grading and some of the kerb setting can be done prior to the construction of the sections of sewers and the inlets described in Mr. Kahler's report. An early completion of this avenue is a much-needed improvement and admits of no delay.

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A. E. SMYRK, ESQ.,
*City Commissioner:*

SIR—I have the honor to submit the following report, showing the location and nature of the work done on the various sewers, and their present condition, and also those districts needing new sewers:

NEW SEWERS AND INLETS.

The work done in accordance with the ordinances and resolutions of the Mayor and City Council is as follows:

*Mosher Street and Rutter's Run Sewer.*

A portion of the inlet-wells; part of the man-hole in the branch connecting with the sewer under the

North Baltimore Passenger Railway Company's stables; about one hundred and eighty-five feet of sewer, and the man-hole of the branch connecting with the sewer in Mosher street; about fifteen feet of the old sewer in Mosher street, which had to be torn out and rebuilt, as it was in so bad a condition that it would have been impossible to have connected the new branch with it properly, and a wooden sewer two hundred and twenty feet long from the inlets in North avenue, were completed.

The inlet-wells and the two branches discharge into a sewer twelve feet wide and ten feet high.

The two inlet-wells are three feet square at the bottom, increasing to four feet at the top, and are intended to receive the water from the inlets in North avenue which was formerly discharged through a small sewer to Rutter's Run, but which was entirely washed away, and also for the drainage of the surrounding section.

From the inlet connections, the water will have a fall of about twenty-six feet to the bottom of the wells. Therefore large stone flags, ten inches thick, were placed in the bottom; stone breaks project in the wells at intervals of six feet, starting from the bottom, to break the fall of the water. The openings from the wells into the sewer are five feet high by three feet wide, giving a sufficient area to discharge the water.

The two branches are seven feet wide by seven feet high each; the abutments are four feet six inches high from the bottom of the sewer to the spring of the arch; the arches are elliptical in shape, have a rise of two

feet six inches, and are of two courses of brick nine inches thick, with a sufficient backing of stone masonry. They each have a capacity to discharge seven hundred and thirteen cubic feet of water per second.

In consequence of all the drainage from a portion of McMechen street, the lower portion of North avenue, as well as the storm water which escapes by the inlets in the upper part of the avenue, having been turned through private property, a wooden sewer three feet square and two hundred and twenty feet long was constructed from the north inlet-well to connect with the inlets in North avenue. As a deep gully had been filled up along the line where it had to be constructed, stringers on which the sewer was built were laid on sills to prevent irregular settlement.

There were numerous difficulties attending the construction of this work, the principal of which was its depth below the surface, making it difficult to get material to it; the irregular, contracted, rocky bed of the stream in which it was constructed, a great portion of which had to be blasted out, in some places to the depth of six feet; and the constant liability of being flooded by the water from the Mosher, John, and McMechen streets sewer, which would fill up rapidly even from a slight rain-fall.

| | |
|---|---|
| Amount of appropriation | $5,500 00 |
| Expended | 5,468 86 |
| Balance | $31 14 |

*Central Avenue Sewer at Orleans Street.*

A section, one hundred feet in length, of the old Harford Run sewer, now known as Central avenue sewer, at the intersection of Central avenue and Orleans street, was found to be in a dangerous condition, liable to fall in at any time. This was torn out and replaced by a section of brick sewer. As it had a covering of only about eighteen inches from the crown of the arch to the surface of the street, care was taken to construct it in the strongest and most substantial manner. It is elliptical in shape, built in a cradle of stone laid in hydraulic cement. The bottom of the invert, to the height of six inches above the grade line, is built of blocks of Port Deposit syenite, nine inches deep, laid in Portland cement. The balance of the invert is of brick, two courses nine inches thick. The arch is of brick, three courses thirteen and one-half inches thick, backed up with a sufficient weight of stone masonry to prevent its giving way or settling.

I made a careful survey of the districts drained by this section of sewer, and calculated it of a capacity to discharge the water of the district. It is seven feet six inches in width and five feet high, with a grade of six inches fall per one hundred feet, and a capacity to discharge three hundred and sixty-seven cubic feet of water per second.

There were constructed four improved trap inlets and their connections, connecting them with the sewer, furnishing nearly three times the former inlet capacity at this intersection, as follows: At the northwest, southwest, southeast, and northeast corners of the intersection.

The amount estimated as necessary to construct this work was fifty-seven hundred dollars. This amount was cut down to fifty-two hundred dollars by the City Council.

At the intersection of Central avenue and Holland street, at the point where the Eden street sewer connects with Central avenue sewer, there was built in connection with it a section of sewer sixteen feet long and five feet in diameter, through which the water of Central avenue sewer discharges into the old main sewer to the south. This section is inadequate to discharge, during a heavy rain-fall, the water from the upper district. From the north end of this section, for a distance of about four hundred and sixty-eight feet, to the south end of the new section just completed, there remains the old stone sewer sixteen and one-half feet wide and six feet high, paved with rough cobble stones, in which all the sediment from the upper section is deposited, forming a cess-pool of filth, requiring constant cleaning out, and is a source of continual complaint from the Health Department.

There is due, on account of this improvement, the sum of $330.43, as per statement of deficiencies transmitted to the Comptroller.

| | |
|---|---|
| Amount of appropriation | $5,200 00 |
| Expended | 5,159 07 |
| Balance | $40 93 |

*Fulton Avenue, between Baker and Presbury Streets.*

This section of the northeast branch af Gwynn's Run sewer was made necessary by the fact that Fulton avenue, from Baker street to North avenue, cannot be graded and paved until the sewer is completed.

As there was only a portion of the estimated amount necessary for the construction of this section appropriated, the work could only be completed as far as that amount would permit.

This work is of the same character as that done in sections heretofore constructed along the line of this run, due care being taken to construct it of the proper capacity, and in the strongest and most substantial manner. This section is circular in shape, built in a cradle of stone, laid in hydraulic cement, on a timber platform, which was made necessary on account of the soft and yielding character of the soil in the bottom of the trench.

The invert, to the height of one-fourth of the diameter of the sewer, consists of blocks of Port Deposit syenite nine inches deep, laid in Portland cement. The balance of the invert is of brick, two courses nine inches thick; the arch is of brick, three courses thirteen and a-half inches thick, backed up with a sufficient weight of stone masonry to prevent its giving way or settling.

Nearly one hundred and fifty feet of this section has been completed, with the lower wing walls and the

foundation for the apron. The connections were built in the sewer, and about one hundred and seventy feet of twenty-four inch and two hundred feet of twenty-inch iron pipe were laid, through which to discharge the water into the sewer from the eight inlets at the intersection of Fulton avenue and Baker's Circle. It is eight feet nine inches in diameter, has a grade of one foot fall per one hundred feet, and a capacity to discharge eleven hundred cubic feet of water per second.

The balance of the appropriation necessary for the construction of this section of sewer cannot be furnished too soon, as the grading and paving of Fulton avenue, north of Baker's Circle, is entirely dependent on its early completion.

| | |
|---|---|
| Appropriation for this work | $10,000 00 |
| Expended | 9,814 63 |
| Balance | $185 37 |

Resolution No. 33, approved March 14th, 1888, and No. 50, approved March 20th, 1888, authorized the reconstruction of the two inlets and placing of the two Kahler Patent Traps therein—one on Thames street at the foot of Broadway Market, and the other at the southwest corner of Ann and Baltimore streets.

| | |
|---|---|
| Appropriations for these inlets | $700 00 |
| Expended | 681 18 |
| Balance | $ 18 82 |

Resolution No. 138, approved June 28, 1888, authorized the placing of two swinging doors in the two inlets at the northwest and southwest corners of Central avenue and Fayette street. The condition of these inlets was such that they had to be rebuilt. The expense of these had to be provided for out of the appropriation for ordinances and resolutions.

Amount expended..... $221 45

Resolution No. 51, approved March 20th, 1888, authorized the alteration of and placing an improved trap in the inlet at the southeast corner of Lexington and Arch streets, appropriating for the same three hundred and fifty dollars, to be taken out of the appropriation for the repairs of sewers.

Resolutions Nos. 52 and 53, approved March 20th, 1888, authorized the construction of one improved trapped inlet at the northwest corner of Howard and Camden streets; and two of the same kind—one of them at the southwest, and the other at the northwest corner of Pratt and Charles streets; appropriating fifteen hundred dollars for the same, to be taken out of the appropriation for the repairs of sewers.

These resolutions could not be complied with from the fact that the appropriation for repairs of sewers was not sufficient to do the needed repairs to the sewers. Independent of this, the construction of the one at the northwest corner of Pratt and Charles streets is impracticable at the present time owing to the location of two large gas mains on the north and south side of Pratt street and the water main in the centre of that

street, which will either have to be raised or lowered to build the connection from the sewer to the inlet.

These inlets are very much needed at the several locations above mentioned.

Resolution No. 11, December 7th, 1888, authorizes the construction of two inlets on Eager street—one at the southwest corner of that street and Chester street, and the other at the southwest corner of the same street and Washington street; appropriating one thousand dollars for the same, to be taken out of the appropriation for improvement of Harford Run. This work has been commenced and will be completed in a short time if the weather permits.

### REPAIRS OF SEWERS AND INLETS.

There are in what were the limits of the city of Baltimore, before its extension during the past year, about eight miles of stone and fourteen and one-quarter miles of brick sewers, besides the numerous inlets and their connections with them. Over a greater portion of these sewers it is necessary to keep a careful supervision to prevent accidents, and which are constantly requiring repairs on account of the poor manner in which they have been constructed.

The stone sewers, which require the most repair, consist in some cases of flat wooden bottoms, in others of roughly paved stone ones, slightly concaved in the centre with stone, and in some few cases brick arches resting on vertical abutments, whilst in some cases

they are covered with stone flags. They vary in size from three to eighteen feet in width, and from two feet to ten feet in height.

The brick sewers are mostly circular in shape, some few being elliptical. They vary in size from two feet nine inches to eleven feet in diameter.

Although there were some severe rain storms during the past season, no serious break occurred along the line of the sewers, mainly due to the precautions taken to at once secure, as far as practicable, any places in them which at any time showed the least sign of weakness or of giving way.

In consequence of the limited amount appropriated for repairs of sewers, it was only possible to do the most needed work as far as that amount would permit.

There was a considerable amount of repairs done on the sewer in Lovegrove alley from Jones' Falls to a point between Townsend street and North avenue. This sewer is built of stone on a wooden platform, which, between its abutments, forms the bottom of the sewer. This is beginning to decay, permitting the water in some places to cut under the abutments, leaving them without support. Wherever this was the case, the abutments were underpinned, and the wooden bottom replaced by stone blocks laid in cement.

This sewer will require a careful supervision until the wooden bottom is replaced by one of stone.

About one hundred and fifty feet of the bottom and twelve hundred and fifty feet of the side walls of the

stone sewer in Monument street, between Jones' Falls and Harford avenue, were repaired.

This sewer was in a very bad condition. In many places there was no sign of cement in the joints between the stone, the stone being loose and easily knocked out of place. The bottom was also washed out in numerous places. These were repaired and the sides replastered with cement, so as to present a smooth surface for the passage of the water.

There were numerous repairs made in the McMechen street sewer, between John street and Morris alley.

Repairs were commenced in the Druid Hill avenue sewer, which, either from want of proper backing or else from a bad foundation, has given way and opened at the key, in some places more than half an inch, from a point in Druid Hill avenue, near Laurens street, to within a short distance of North avenue.

The locations of the repairs done to the different sewers and inlets, the drain-boxes newly constructed and repaired, and the old inlets trapped, are shown in the following table:

*Old Harford Run and Central Avenue Sewer.*

Inlet northeast corner of Central avenue and Fayette street: Rebuilt with swinging door.

Inlet southeast corner of Central avenue and Fayette street: Rebuilt with swinging door.

Inlet northwest corner of Central avenue and Fayette street: Rebuilt with swinging door.

Inlet southwest corner of Central avenue and Fayette street: Rebuilt with swinging door.

Man-hole Central avenue, near Holland street.

Inlet southwest corner of Central avenue and Pratt street.

Inlet northeast corner of Central avenue and May street.

Inlet southeast corner of Central avenue and May street.

Inlet southeast corner of Central avenue and Pratt street.

Inlet northwest corner of Central avenue and Bank street.

Inlet southeast corner of Madison and Caroline streets.

Inlet northeast corner of Central avenue and Bank street.

Inlet northeast corner of Central avenue and Canton avenue.

Inlet northwest corner of Central avenue and Mullikin street.

Inlet southwest corner of Central avenue and Jackson street.

Inlet southwest corner of Central avenue and Fawn street.

Inlet northeast corner of Ann and Biddle streets.

Inlet southwest corner of Central avenue and Bank street.

Inlet northwest corner of Madison and Caroline streets.

Inlet southwest corner of Central avenue and Gough street.

Inlet southwest corner of Central avenue and High alley.

Inlet northeast corner of Central avenue and Baltimore street.

Inlet northeast corner of Central avenue and Union alley.

Inlet southeast corner of Central avenue and Union alley.

Inlet southwest corner of Chew and Caroline streets.

Inlet northeast corner of Bond and Abbott streets.

Inlet northeast corner of Chew and Caroline streets.

Inlet northeast corner of Central and Fairmount avenues.

Inlet northwest corner of Central avenue and High alley.

Inlet southeast corner of Broadway and Barnes street.

Inlet southwest corner of McDonogh and Ann streets.

Inlet northeast corner of McDonogh and Barnes streets.

Inlet southwest corner of Ann and Chew streets.

Inlet southwest corner of Central avenue and Holland street.

Inlet northeast corner of Central avenue and May street.

Inlet southeast corner of McDonogh and Barnes streets.

Inlet northwest corner of Central avenue and Jefferson street.

Inlet southeast corner of Eden and Jefferson streets.

Inlet east side of Ann street, between Biddle and Gay streets.

Inlet south side of Monument street, between Eden and Spring streets.

Inlet northeast corner of Monument and Eden streets.

Inlet southwest corner of McDonogh and Barnes streets.

*Schroeder's Run and Branches.*

Inlet southeast corner of Schroeder and Booth streets.

Inlet southeast corner of Calhoun and Lanvale streets.

Inlet southwest corner of Carey and Pratt streets.

Inlet northwest corner of Calhoun and Lanvale streets.

Inlet northeast corner of Hollins and Schroeder streets.

Inlet northeast corner of Carey and Lombard streets.

Inlet southwest corner of Carey and Hollins streets.

Inlet northwest corner of Schroeder and Hollins streets.

*Chatsworth Run and Branches.*

Inlet southwest corner of Arch street and Pine alley.

Sewer Arch street, between Fayette and Lexington streets.

Inlet south side Iceland street, near Fremont street.

Inlet west side Pennsylvania avenue, opposite Oxford street.

Inlet southwest corner of Pine street and Pin alley.

Inlet southwest corner of Saratoga and Pearl streets.

*Sundry Sewers and Inlets.*

McMechen street sewer, between John street and Morris alley.

Lovegrove alley sewer, between Jones' Falls and North avenue.

Druid Hill avenue sewer.

Inlet southeast corner of Fulton avenue and Baker street.

Sewer in Lafayette avenue, between Brice alley and Smallwood street.

Man-hole in Monument street, at Buren street.

Sewer in Monument street, from Jones' Falls to Harford avenue.

One new inlet in Bouldin alley, between Wilson and Laurens streets.

Four new inlets at North avenue and Bruce alley.

One new inlet at Biddle and Luzerne streets.

One new inlet at northwest corner of Exeter street and Necessity alley.

Two new inlets at Chester and Townsend streets.

Inlet southeast corner of Charles and Balderston streets.

Inlet west side Pennsylvania avenue, between Wilson and Laurens streets.

Inlet southeast corner of Hillen and Front streets.

Inlet northeast corner of Fairmount avenue and Wolfe street.

Inlet southwest corner of Gay and Harrison streets.

Inlet northeast corner of Race and West streets.

Inlet southeast corner of Gay and Harrison streets.

Inlet southeast corner of Race and Cross streets.

Inlet northeast corner of Broadway and Lancaster street.

Inlet southeast corner of Gough and Chester streets.

Inlet southwest corner of Saratoga court and Race street.

Inlet southeast corner of Cathedral and Hoffman streets.

Inlet northwest corner of Gough and Register streets.

Inlet southwest corner of Lombard and Ann streets.
Inlet southwest corner of Chester and Chew streets.
Inlet northeast corner of Lombard and Ann streets.
Inlet southeast corner of Cross and Hanover streets.
Inlet northeast corner of Fairmount avenue and Wolfe street.
Inlet northwest corner of Fairmount avenue and Wolfe street.
Sewer Race street, between Cross and West streets.
Inlet southeast corner of Mill and Pratt streets.
Inlet southeast corner of Boston and Windsor streets.
Inlet northwest corner of Lombard and Front streets.
Inlet southwest corner of Saratoga and North streets.
Inlet southeast corner of Saratoga and Calvert streets.
Inlet southeast corner of West and Race streets.
Inlet Kimball alley and Broadway.

WOODEN SEWERS OR DRAIN BOXES.

| LOCATION. | FEET. | | |
|---|---|---|---|
| | Length. | Width. | Height. |
| 1 at Fayette and Luzerne streets..... | 50 | 1 | 1 |
| 1 at Boston, near Patapsco street..... | 30 | 1 | 1 |
| 1 at Aliceanna and Burke streets..... | 230 | 2 | 2 |
| 1 at Barclay and Federal streets..... | 100 | 5 | 3 |
| 1 at foot of south end of Fulton avenue. | 16 | 2 | 2 |
| 1 at Oliver and Cannon streets..... | 136 | 3 | 2 |
| 1 at Townsend and Cannon streets..... | 120 | 3 | 2 |
| 1 at Holbrook street and Point lane.... | 75 | 1 | 1 |
| 1 at Hunter alley and Mt. Royal avenue. | 100 | 1 | 1 |
| 1 at Wolfe and Townsend streets (extending box)..... | 32 | 2 | 2 |
| 1 at Cannon and Oliver streets (extending box)..... | 16 | 3 | 2 |
| 1 at W. Fayette street (at old city limits). | 16 | 4 | 3 |
| 1 at Warner and Ostend streets..... | 16 | 1.2 | 1 |
| 1 at Point lane, near Harford avenue... | 152 | 1 | 1 |
| 1 at North avenue, near Bolton street... | 18 | 2 | 1 |
| 1 at Biddle and Luzerne streets..... | 45 | 5 | 1 |
| 1 at Biddle and Luzerne streets..... | 41 | 5 | 1 |
| 2 at Loney's lane, between Oliver and Townsend streets..... | 48 | 3.6 | 2 |
| 1 at Winchester, near Calhoun street... | 16 | 1 | 1 |

REPAIRS OF DRAIN BOXES AND GUTTER COVERINGS.

Fayette street, west of Luzerne street.
Patterson Park avenue and Jefferson street.
Wolfe and Oliver streets.

Loney's lane, near Monument street.
Sharp and Camden streets.
Pratt and Charles streets.
Fayette and Greene streets.
Eutaw and Camden streets.
Exeter and Fayette streets.
German and Light streets.
Pratt and Hollingsworth streets.
Eutaw and Baltimore streets.
Eastern avenue and Bond street.
Charles and Pratt streets.
Wolfe street and Canton avenue.
Harrison and Fayette streets.
Calvert and Lombard streets.
Centre and Buren streets.
Pratt and Fremont streets.
Centre and Howard streets.
Mosher street and Myrtle avenue.
Charles street and North avenue.
Pratt and Charles streets.
Myrtle avenue and Mosher street.

WORK NECESSARY TO BE DONE ON REPAIRS OF SEWERS.

Numerous drain-pipes have been laid to discharge into the stone sewers, as well as into those of brick which discharge into the stone ones. As the bottoms of many of the stone sewers are very rough, preventing a free water carriage of the matter discharged from some of the drain-pipes, it lodges in the joints of the stone at various points along the inside of the sewers, and remains there generating noxious gases, and only to be removed by the action of a freshet. This cannot

be too soon remedied, as it is dangerous to health. But few of the inlets being trapped, constant complaint is made by persons living along their lines of the offensiveness of the gases constantly escaping from them. To remedy this, wherever it is possible, the rough stone bottoms should be replaced by smoother ones, laid in such a manner as to give a clear, free water carriage through the sewers. The old inlets should be replaced by improved trapped ones. In the present condition of the sewers it is almost impossible for men to remain for any length of time in them to do the needed repairs.

In some locations steam pipes exhaust into the sewers. This should be prohibited, and wherever such is the case their removal should be ordered, as it has been found that the steam causes the cement in the joints to disintegrate, besides causing the quicker decomposition of the matter deposited in them, and also making it dangerous to enter them for examination or repairs.

The Mosher and John streets sewer, which discharges the water from the McMechen street and Druid Hill avenue sewers, is in a very bad condition. It is about nine hundred and seventy feet long. The bottom of the invert is fast wearing out, holes already being cut in it. The difficulty and expense attending the repair of this sewer will be considerable, from the fact of its being at such a great depth below the surface of the streets, and having a constant flow of water through it, as well as the danger of the sudden rise of the water in time of rain. This work cannot be too soon attended to, as the sewer is becoming dangerous.

The repairs of Druid Hill avenue sewer will have to be continued during the coming season, as the means at command were not sufficient to complete the work necessary to make it safe.

The repairs necessary in Lovegrove alley sewer are not so great as was required last year, except in so far as where it may be necessary to replace the old wooden bottom, which is beginning to decay, by one of stone blocks.

Central avenue sewer, from Holland street south to its outlet, will require some repairs. The old stone inlets and their connections along the line of this sewer should be torn out and rebuilt, as they are constantly requiring repairs.

A considerable amount of repairs will be necessary on Chatsworth and Schroeder's Run sewers, as very little has been done during the past year. Something should also be done with reference to trapping the inlets along the lines of these sewers.

### PROPOSED NEW SEWERS AND INLETS.

I herewith give the location and also the description of the routes (where they have not been given in my prior report to you) of the sewers required in the various districts of the city, either to relieve them from overflow of storm water or for sanitary or other purposes, for which plans and estimates have been made or are now being made.

*Jenkins' Run or Carter's Alley Sewer.*

Heretofore it has been proposed only to construct this section of sewer from the culvert under the Union Railroad to connect with the old sewer at the intersection of Carter's alley and Federal street; but as the retaining walls of Jones' Falls are now about being built at the point where this run empties into the Falls, it should be constructed from Jones' Falls to connect with the old sewer at the intersection of Carter's alley and Federal street.

*Lovegrove Alley Sewer and Charles Street Sewer.*

Lovegrove alley should be condemned from the present terminus, south of North avenue, to the south side of North avenue, then from the north side of North avenue to First street, in the Annex. The sewer should then be constructed north from its present terminus to connect with the sewer in the alley at First street.

The sewer, which heads at Charles and Lanvale streets, should then be continued northwardly in Charles to the north of North avenue. This would relieve the streets of this district which, even in an average rain, are impassable.

*Sewer for the Relief of the District Drained by the Monument and McKim Street Sewer.*

A sewer three feet wide and four feet high, with a flat brick bottom, with side walls of rough rubble

masonry poorly laid and covered with stone flags, has to discharge the waters of this district. It is entirely inadequate for this purpose, and is located as follows: In the bed of McKim street from Eager to Madison street, thence through private property to a point in Monument street, between Harford and Greenmount avenues, and thence in the bed of Monument street to Jones' Falls.

The plan proposed for the relief of the portion of this district north of Eager street is as follows: To construct a sewer in the bed of Eager street from Jones' Falls to Valley street, thence in Valley street to Chase street, in Chase street to Ensor street, and in Ensor street to Biddle street.

The section of the old sewer which is located on private property could be removed to the bed of Greenmount avenue and Madison street from Monument to McKim street, and the balance to be put in a proper condition, to be utilized for the drainage of that portion of the district south of Eager street. This is a much-needed improvement.

*Sewer for the Relief of Camel Alley and Dolphin and Other Streets.*

The plan proposed for the relief of this district is as follows: To construct a sewer from Jones' Falls in the beds of the following-named streets: Maryland avenue to Oliver street, Oliver to Cathedral street, Cathedral to Preston street, and in Preston street to Madison avenue. This would relieve Cathedral street,

Camel alley and Preston street, which are flooded during heavy rain-fall. A branch sewer should be constructed from this sewer, commencing at the intersection of Cathedral and Oliver streets in the beds of Mount Royal avenue and Dolphin street to a point west of Mount Royal avenue, to discharge the large accumulation of water from the intersection of Mount Royal avenue and Dolphin street, which now flows through and floods the Northern Central Railway Company's property.

The present old sewer in Morton alley, Oliver street, Maryland avenue, and Hoffman street, could be utilized for the drainage of the district lying between Cathedral and Calvert streets, and between Chase street and Jones' Falls.

*Schroeder's Run System.*

These plans propose the main outlet sewer from the foot of Carey street to the Spring Gardens; the relief sewer in Calhoun street and its lateral branches; the removal of the old Schroeder's Run sewer from private property to the beds of Pratt, Schroeder, and other streets north of Pratt street.

*Northeast Branch of Gwynn's Run Sewer.*

The plans for this sewer were prepared from Franklin street to North avenue. There are a number of streets the grading and paving of which are entirely dependent on the completion of this sewer.

*Sewer for the Relief of the District Drained by the Druid Hill Avenue and McMechen Street Sewers.*

The plan, as described in my former report to you, proposes the construction of a sewer, by tunnel, in sundry streets from Jones' Falls to the intersection of Laurens street and Druid Hill avenue.

*Chatsworth Run Sewer System.*

These plans propose an intercepting sewer in Eutaw and Fremont streets from the Spring Gardens to the intersection of Fremont street and Columbia avenue; the continuation of the Penn street sewer from Dover street to Columbia avenue; improvement of Chatsworth Run sewer north of Baltimore street.

*Light Street Sewer.*

Sewer in Light street from Light street wharf to West street, for the relief of Race street sewer.

*Inlets—Mount Royal Avenue.*

It will be necessary, in connection with this work, to construct a number of inlets, as well as to lengthen the sewer in Charles street from its present head southward about one hundred feet and to construct about ninety feet of sewer in Maryland avenue south from the main sewer in said avenue, and also to lay the pipes which are to connect the inlets with the sewers.

These inlets are located as follows: Four at the intersection of Mount Royal avenue with Calvert street;

four at the intersection of said avenue with St. Paul street; four side and two corner inlets at the intersection of said avenue with Charles street; and two side and one corner inlet at the intersection of said avenue with Maryland avenue; and also to remodel two old inlets in Maryland avenue at the north side of Mount Royal avenue, and to close one old inlet in the bed of said avenue. The estimated cost of this work is $11,000.

I have familiarized myself with the topography of each of these districts to be relieved by these sewers, visiting them personally for some years past, both by day and night during the heaviest rain-falls, noting the height to which the water rose in the various basins in each of the districts, and examining whether the sewers discharging the water therefrom had been charged to their full capacity.

Most authorities claim that on account of the excessive size and cost of the sewers required for the purpose, no attempt should be made to convey the entire volume of storm water by this means alone, but that some portion of it be allowed to flow off over the surface of the streets. This will not apply to the districts of this city; for from the peculiar manner in which the grades of some of the streets have been established in some sections of the districts to be drained by sewers, basins are formed, into which all the drainage is concentrated, and from which there is no outlet for the water but by the sewers. Any surplus of storm water, which the sewers are not capable of discharging, cannot flow off over the surface of the streets,

but must rise in these basins to such a height as will furnish a head sufficient to force the water through the sewers. In some cases they are not capable of resisting this heavy pressure. This occurs more especially with the old sewers.

In consequence of the above conditions, numerous complaints are heard from all of these sections, after heavy rain storms, of streets being flooded and the cellars, and in some cases even the first floors of the houses being filled with water, often causing serious damage and sickness.

The plans for these sewers were made not only to meet the present requirements of the districts which they are to drain, necessitating more work in the future to relieve them, but to meet all the exigencies which may in the future present themselves in connection with the proper drainage of these districts and for their exemption from being flooded.

As stated in my report to you last year, I based my calculations for these sewers on the maximum rainfalls, with a proper allowance added thereto for the increased velocity of the water flowing to the sewers over the surfaces of streets with heavy grades, which, in certain sections of these districts, are numerous.

Respectfully submitted,

CHARLES P. KAHLER,
*Assistant City Commissioner.*

REPAIRS OF BRIDGES.

Madison street bridge, Fayette street bridge, Chase street bridge, Preston street bridge, Argyle avenue bridge, Leadenhall street bridge, and Bath street bridge, have received the usual repairs; Canton avenue bridge has received new double flooring; Eastern avenue bridge has received new double flooring; the draw-bridge at City Dock, new upper flooring and new floor-ing to the sidewalks; Baltimore street bridge, new flooring on both driveways and repairs to sidewalks; Washington road bridge, new flooring; Boston street bridge, new flooring; Monument street bridge, new flooring on one side.

North avenue bridge, which is four hundred and twenty-five feet long and sixty-two feet wide, it was thought would need only the upper covering. When the upper floor was stripped, the under floor was found to be in a worse condition than the upper one, being completely decayed. The same state of condition was found to exist along the line of both the footways. In addition, many of the joists were decayed and needed renewing. The iron work was also found to be in such a condition as to require re-adjusting to make it safe for travel. All of which was done, entailing much greater cost than was at first estimated. The repairs done cost about $3,600. It is now in good condition and ought to last for several years. It would be well, however, at an early day to take into consideration the propriety of erecting a different and better class of bridge at this point, as the present one will continue to be, as it heretofore has been, an expensive bridge to maintain.

*Bridge over Gwynn's Falls.*

An appropriation of fifteen hundred dollars was made during the present year to raise the abutments of this bridge; but the work was not commenced for the reason that a new and substantial bridge is necessary at that point, and for the further reason that the appropriation was inadequate to raise the abutments and put them in condition to support such a bridge as ought to be built. The bridge which was removed from Charles street, with slight alterations, I think, could be made to suit at this point.

Harman's bridge, for a bridge of its class, has been put in good condition at a very considerable expense, and will require but little repairs during the coming year; but, like Light street bridge, it will be expensive to keep up. Streets are being projected through the ground covered by this bridge, which, when completed, will enable the city to shorten its length materially.

## THE ANNEX.

On June 1st last, by the operation of an act passed by the late General Assembly of Maryland, the city of Baltimore came into possession of that part of Baltimore county now known as the 21st and 22nd Wards. By an Ordinance of the Mayor and City Council, No. 82, approved June 19, 1888, two superintendents of streets, roads, bridges, etc., were appointed, subject to the control of this Department.

A sufficient force of laborers and mechanics was organized to do such work as might be considered as pressing. To defray the expenses of the same, the sum of $10,000 was appropriated by Ordinance No. 86, of June 19, 1888. It was determined, as a matter of economy, to purchase a "stone crusher," in order to macadamize the roads, etc, in the Annex, and an appropriation of $3,000 to pay for it, per the same ordinance. A "No. 3 Gates' Crusher" and a twenty-five horse power Atlas engine and boiler were purchased and delivered here for $2,775, exclusive of belting and fitting up, viz., preparing foundation, building platform, engine house, etc.

The annexed report of Mr. C. A. Hook, who has general charge of work in the Annex, gives a pretty full account of the work done, and the localities in which it was done.

Since Mr. Hook's report was received, the condition of Wilkens avenue bridge became so bad that I have closed the north side as a matter of precaution. The other side is now being covered with two-inch yellow pine flooring laid on top of the old flooring.

By the time the "crusher" was placed in position to work, a considerable portion of the appropriation had been used up, and, as the condition of all the roads was so bad, after full conference with your Honor, I was directed to continue the work as long as the weather would permit. The result was that the whole appropriation was exhausted, and deficiencies amounting to $3,976.80 created, which are presented in detail. A large amount of the appropriation was expended on

the erection of a bridge on Lexington street, near Gwynn's Run, and in extending and raising the abutments and wing walls. There was an old narrow bridge at this point, the abutments and wing walls of which were utilized as far as possible. Some portions of them had to be underpinned, and such of the rest as was of any account was repointed. The abutments were raised three feet higher. On the east side the old retaining wall was raised three and one-half feet. A new wing wall was constructed on the west side, thirty-two feet long and fourteen and one-half feet high. On this a substantial wooden bridge was built with a span of seventeen and one-half feet at the south and twenty-one feet at the north end. It has a driveway twenty-four feet wide, and two footways each six feet wide. Two inlets were constructed on the south side, and two stone waterways on the north side, to discharge the water on the east and west side of Lexington street.

Cedar avenue, in the Annex, has been completed from Merryman's lane to the east abutment of the contemplated bridge over the Falls turnpike. The abutment was built for an ordinary "Pratt truss bridge" to span the Falls road, Jones' Falls, and the Northern Central Railway tracks, a distance of about three hundred feet, to the entrance to Druid Hill Park. This bridge was directed to be built by the city of Baltimore, provided the Belt became a part of the city. This being an accomplished fact, it becomes the duty of the city to erect a bridge at this point. There being no funds in hand for the purpose, the matter has been held in abeyance. It is estimated that a

good permanent structure, such as will meet the requirements of travel, will cost about $60,000. The country on the east side of this bridge is a high and healthy table-land, and the erection of the bridge would cause it to be rapidly improved with a good class of buildings, extending from Roland avenue to Charles street, thereby enhancing the basis of taxation to a very considerable extent.

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## REPORT OF CHARLES A. HOOK, Superintendent.

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Capt. A. E. Smyrk,

*City Commissioner:*

Dear Sir—On the 24th of August last, by your instruction, I took charge of the forces of your Department at work in the annexed district of the city. I found the work of repairing roads, bridges, and culverts in progress under the supervision of Mr. George Chambers, of the 21st Ward, and Mr. Michael McGovern, of the 22nd Ward. Mr. Chambers had in his employ one carpenter, ten laboring men, and four carts. Mr. McGovern had in his employ one carpenter, nine laboring men, and four carts. The following statement locates and describes the roads, culverts, and bridges repaired during the past season:

Union avenue, four hundred and two linear feet of gutter repaved.

Union avenue graveled and widened.

Madison avenue, east side graveled from North avenue nearly to Whitelock's lane, a distance of five hundred and twenty linear feet.

Franklin street repaired with stone for a distance of eleven hundred linear feet.

Mary street repaired with stone a distance of two hundred and fifty feet.

Corner Mary and Clifton streets, a new gutter paved forty feet long by four feet wide.

Edmondson avenue repaired from western limits, a distance of two thousand four hundred linear feet, with rotten rock. The balance of the avenue to Gwynn's Falls, a distance of one thousand nine hundred linear feet, was shaped up with rotten rock and several breakers made.

Edmondson avenue from the Potomac Railroad bridge to the Calverton road was macadamized with stone from Mr. John Schwind's quarry. The first layer of stone ranged in sizes from eight to eighteen inches square, placed regularly in position, which gave an average depth of thirteen inches; the interstices were filled in with smaller stone, on top of which were placed about seven inches of crushed stone.

About six hundred linear feet of the avenue had a solid bed. This part of it had a dressing of six inches of crushed stone. The balance of the avenue, two

thousand five hundred and thirty feet in length, was macadamized, as before described, an average width of twenty-one feet.

Cost of stone per perch on avenue completed, $1.12.

Cost of road per linear foot, twenty-one feet wide by twenty inches deep, $1.34.

Cost of road per square foot, $6\frac{4}{10}$ cents.

Cost to crush stone, $21\frac{3}{4}$ cents.

While the above figures show the cost of macadamizing Edmondson avenue, they could not be applied to any other work except under precisely the same circumstances. The difference in the cost would be regulated by the length of haul.

Old York Road—Ditches opened and shaped up its entire length.

Hillen Road—Generally repaired its entire length with broken stone.

Jenkins' Lane—Ditches opened.

Remington Avenue—Repaired its entire length with broken stone.

Hickory Avenue—Repaired with broken stone.

Third Avenue—Repaired with broken stone.

Roland Avenue—Graveled from Fifth street to Third street.

Merryman's Lane—Ditches cleaned and generally repaired.

Gorsuch Avenue—Ditches opened and bad places repaved.

Third Street—About three hundred square feet of repaving done.

Jefferson Place and Fourth Street—Built water shoot and filled in street.

Five catch dams built in deep ditch along Remington avenue.

About five hundred feet of guard rail placed on Remington avenue.

About one hundred and fifty feet of guard rail placed on Huntingdon avenue, near Seventh street.

Huntingdon Avenue, near North Street—A water-shoot built.

Abutments of bridge on Hillen road rebuilt and arched.

Abutments of bridge on Jenkins' lane repaired and apron built.

Bridge on Merryman's lane across Maryland Central Railroad refloored (length one hundred and sixty-eight feet by eighteen feet) with three-inch white oak.

Abutments of culvert on Old York road repaired.

Myrtle Avenue—Bridge floor repaired.

Franklin Road—Bridge over Dead Run floor repaired.

Windsor Mill Road—Bridge over Dead Run floor repaired.

Beach Avenue—Two bridge floors repaired.

Old Liberty Road—Two bridges repaired.

Union Avenue—Bridge over Jones' Falls newly floored.

Union Avenue—Bridge over mill race newly floored.

Dorsey's Lane—Entire new superstructure.

Wilken's Avenue—Bridge flooring frequently repaired.

Edmondson Avenue—Section of railing replaced.

The word "repaired," used in reference to keeping the bridge floors safe, means that the floors were patched, as they were reported dangerous, using from one plank to a wagon load of lumber, as the case needed.

In my opinion, it will be absolutely necessary this coming season to place new joists and an entire new floor on Wilkens' avenue bridge. Using the same kind of joists as now in use with two-inch plank, there will be required for this bridge alone thirty-eight thousand two hundred and twenty-four feet of flooring and fifty-four thousand three hundred and twenty-five feet of joists fourteen inches by four inches, making in all eighty-two thousand five hundred and forty-nine feet board measure. This bridge is an old wooden structure of the trussed-arch pattern, and the sooner the city can fill the low ground over which it spans, and build either an arch or new bridge over the Falls with a span of about one hundred feet, instead of four spans aggregating four hundred and forty-one feet, the sooner will the city rid itself of a constant care and an endless expense in keeping the present structure in a safe condition for driving over.

In the Annex there are thirty bridges, their lengths varying from eight to four hundred and fifty feet—all of which are covered with single floors; and with the exception of the Union avenue bridges and the bridge over the Maryland Central Railroad, they are nearly

all worn so thin that reports are constantly coming in about their dangerous condition. There are fifty thousand square feet of bridge floor in the Annex. To cover them all anew would require not less than one hundred thousand feet of lumber B. M. Including the joists and sills, it would take about two hundred and seventy-five thousand feet to entirely renew the bridge floors of the Annex. To repair these bridges thoroughly would cost at least $7,500. Whilst it will not be necessary to renew all the bridge floors this coming season, I deem it my duty to suggest to you that you urge a liberal appropriation for their repair. As soon as I took charge of the forces of the Annex I made it a point (in view of the small balance of funds on hand) to give those highways mostly traveled the greatest attention. While this was done, there has been left untouched roads which are constantly in use, and which are now in very bad condition.

The stone crusher, which was set up at John Schwind's quarry, has done admirably well. It has been crushing from forty-five to fifty perches per day.

In the operation of the crusher in connection with the work done on Edmondson avenue, it was so arranged that the carts were all loaded by the elevator, thus saving the expense of shoveling the crushed stone into the carts.

On the 15th of December all the forces of the Annex were suspended. Such parts of the engine as necessary were disconnected, white-leaded, and the engine house locked up for the winter.

CHARLES A. HOOK,

*General Superintendent.*

### CROSS STREET MARKET.

By Resolution No. 13, approved March 2, 1888, I was directed to have the Cross Street Market repaved with "sheet granolithic." A contract was made with Mr. Isaac S. Filbert, who did the work in an acceptable manner. The cost of this work amounted to $8,974.50.

### FELL'S POINT MARKET.

This market was also repaved with "sheet granolithic" under a contract with Mr. Filbert, in pursuance of Resolution No. 56, of March 13, 1888, at a cost of $4,845. This work was also well done.

### MONUMENT TO JOHN LEE CHAPMAN.

Ordinance No. 105, approved October 10, 1887, appropriated the sum of $600 to erect a monument over the grave of John Lee Chapman, one of the Mayors of Baltimore, and to keep his lot in order. As stated in my last report, I contracted with Messrs. Bevan & Sons for a monument of a very handsome design, to cost $475, which was completed and erected during the present year. I also made a contract with the Greenmount Cemetery Company, under which the company, for the sum of $100, will keep the lot in perpetual repair.

### GRADES ALONG THE UNION RAILROAD.

The establishment of the grades of the Union Railroad, from Bond street to the eastern city limits, and of the streets crossing its line, is a matter that has been

considered carefully for some time past, and may now be looked upon as practically arranged, subject, however, to confirmation by the Mayor and City Council. This has been settled upon the basis of avoiding all grade crossings from the eastern end of the tunnel to the eastern limit of the city. The terms of the agreement made with the company are believed to be very fair, and will be submitted when finally closed.

I have to acknowledge my obligations to your Honor and the members of the City Council in the past, and to express my hope that my efforts during the coming year may be approved. The employees of the Department have generally rendered me efficient aid in their respective lines of duty.

Your obedient servant,

A. E. SMYRK,

*City Commissioner.*

# TABLES.

# TABLE A.

Showing the Amounts of Appropriations and the Balances due on the several Appropriations for the year ending December 31, 1888.

| ACCOUNTS. | | APPROPRIATIONS. | AMOUNTS PAID. | AMOUNTS UNDRAWN. |
|---|---|---|---|---|
| Repairs of sewers and inlets | $10,000 00 | | | |
| This sum from account to raise bridge at Gwynn's Falls, Resolution 144, of 1888 | 1,000 00 | | | |
| Paid Register | 2,163 50 | | | |
| | | $ 13,163 50 | $ 10,857 46 | $2,306 04 |
| Flag and stepping-stones | | 8,000 00 | 7,970 21 | 29 79 |
| Repairs of paved streets | $85,000 00 | | | |
| Paid Register | 510 10 | | | |
| | | 85,510 10 | 84,945 33 | 564 77 |
| Repairs of bridges | $7,000 00 | | | |
| This sum from account of shelling East Monument street, etc. | 223 14 | | | |
| This sum from account of shelling Ferry Point road | 74 36 | | | |
| This sum from account of shelling Ridgely and Bayard streets | 239 92 | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| This sum from account of shelling Warner street | 65 19 | | | | | |
| This sum from account of repaving Cross-street Market | 525 50 | | | | | |
| This sum from account of retaining wall on Falls road | 957 38 | | | | | |
| This sum from account of raising bridge at Gwynn's Falls | 414 51 | | | | | |
| | | 9,500 00 | | 9,499 51 | | 49 |
| Paving and repaving in front of city property | | 1,000 00 | | 685 42 | | 314 58 |
| Salaries | | 9,000 00 | | 9,000 00 | | |
| Livery | | 500 00 | | 500 00 | | |
| Incidentals | | 100 00 | | 90 94 | | 9 06 |
| Paving and repaving "cross-streets" | | 21,580 97 | | 21,403 45 | | 177 52 |
| Paving of new streets | $92,025 55 | | | | | |
| Paid Register | 2,623 25 | | | | | |
| | | 94,648 80 | | 92,025 55 | | 2,623 25 |
| Repairs of unpaved streets | | 1,500 00 | | 1,463 77 | | 36 23 |
| Improvement of Harford Run | | 59,686 38 | | 59,686 38 | | |
| Improvement of Jones' Falls | $124,484 95 | | | | | |
| Paid Register | 21 67 | | | | | |
| | | 124,506 62 | | 124,484 95 | | 21 67 |
| Iron gutter-plates | $3,000 00 | | | | | |
| Amounts carried forward | | $428,696 37 | | $422,612 97 | | $6,083 40 |

TABLE A—Continued.

| ACCOUNTS. | | APPROPRIATIONS. | AMOUNTS PAID. | AMOUNTS UNDRAWN. |
|---|---|---|---|---|
| Amounts brought forward | | $428,696 37 | $422,612 97 | $6,083 40 |
| Paid Register | $ 48 75 | | | |
| | | 3,048 75 | 2,997 90 | 50 85 |
| Calvert street bridge, maintenance of floor | | 536 05 | 536 05 | |
| St. Paul street bridge, maintenance of floor | | 946 27 | 946 27 | |
| Retaining wall, Falls road | $16,000 00 | | | |
| Less transferred to account for repairs of bridges | 957 38 | | | |
| | | 15,042 62 | 15,042 62 | |
| Parking Fulton avenue | $4,227 75 | | | |
| Paid Register | 75 80 | | | |
| | | 4,303 55 | 4,230 51 | 73 04 |
| Mosher street and Rutters' Run sewers | | 5,500 00 | 5,468 86 | 31 14 |
| Shelling Monument street and Loney's lane | $1,500 00 | | | |
| Less transferred to account for repairs of bridges | 223 14 | | | |
| | | 1,276 86 | 1,276 86 | |
| Shelling the Ferry Point road | $500 00 | | | |

| | | | | |
|---|---|---|---|---|
| Less transferred to account for repairs of bridges | 74 36 | | | |
| | | 425 64 | 425 64 | |
| Shelling Ridgely and Bayard streets | $700 00 | | | |
| Less transferred to account for repairs of bridges | 239 92 | | | |
| | | 460 08 | 460 08 | |
| Shelling Warner street | $400 00 | | | |
| Less transferred to account for repairs of bridges | 65 19 | | | |
| | | 334 81 | 334 81 | |
| Shelling the Liberty road | | 75 00 | 75 00 | |
| Paving streets in the Bolton property | | 7,223 57 | 7,214 07 | 9 50 |
| John Lee Chapman, formerly Mayor, monument to him | | 600 00 | 575 00 | 25 00 |
| Parking Wilkens avenue | | 3,500 00 | 3,176 36 | 323 64 |
| Central avenue sewer, repairing | | 5,200 00 | 5,159 07 | 40 93 |
| Cross Street Market, repaving with "sheet granolithic" | $9,500 00 | | | |
| Paid Register | 215 25 | | | |
| | $9,715 25 | | | |
| Amounts carried forward | | $477,169 57 | $470,532 07 | $6,637 50 |

TABLE A—Concluded.

| ACCOUNTS. | | APPROPRIATIONS. | AMOUNTS PAID. | AMOUNTS UNDRAWN. |
|---|---|---|---|---|
| Amounts brought forward | | $477,169 57 | $470,532 07 | $6,637 50 |
| Less amount transferred to repairs of bridges | 525 50 | | | |
| | | 9,189 75 | 8,974 50 | 215 25 |
| Fell's Point Market, repaving with "sheet granolithic" | $4,850 00 | | | |
| Paid Register | 118 75 | | | |
| | | 4,968 75 | 4,845 00 | 123 75 |
| Trapping inlets Broadway and Thames street | | 350 00 | 347 33 | 2 67 |
| Trapping inlets Baltimore and Ann streets | | 350 00 | 333 85 | 16 15 |
| Sewer in Fulton avenue and Baker Circle | | 10,000 00 | 9,649 04 | 350 96 |
| Paving loan of 1920, percentage retained | | 1,434 03 | 1,434 03 | |
| Culvert Calvert and Eager streets, per Resolution 62, of 1888 | | 1,300 00 | 1,240 42 | 59 58 |
| Trapping inlets, Central avenue sewer, per Resolution 138, of 1888 | | 221 45 | 221 45 | |
| To raise bridge at Gwynn's Falls, on the Washington road | $1,500 00 | | | |

| | | | | |
|---|---|---|---|---|
| Less transferred to repair sewers.. .....$1,000 00 | | | | |
| Less transferred to repair bridges..... ..... .... 414 51 | | | | |
| | $1,414 51 | | | |
| | | 85 49 | | 85 49 |
| Repairing streets, roads, etc., in the "Annex".. ..... $10,000 00 | | | | |
| Paid Register..... ..... 50 | | | | |
| | | 10,000 50 | 9,967 47 | 33 03 |
| To purchase stone crusher for the "Annex"..... | | 3,000 00 | 2,999 00 | 1 00 |
| | | $518,069 54 | $510,544 16 | $7,525 38 |

## TABLE B.

Showing the Amounts required for the City Commissioner's Department for the year ending December 31, 1888.

| ON WHAT ACCOUNT. | AMOUNTS. |
|---|---|
| Repairs of sewers and inlets | $10,000 00 |
| Repairs of bridges | 6,000 00 |
| Repairs of paved streets | 85,000 00 |
| Repairs of unpaved streets | 1,500 00 |
| Flag and stepping stones | 10,000 00 |
| Paving and repaving in front of city property | 1,000 00 |
| Paving and repaving "cross streets" | 10,000 00 |
| Salaries | 9,000 00 |
| Livery | 1,000 00 |
| Incidentals | 100 00 |
| Light street bridge | 5,000 00 |
| Maintenance of floor of Calvert street bridge | 536 05 |
| Maintenance of floor of St. Paul street bridge | 946 27 |
| Repairs of roads, streets, bridges, etc., in "The Annex" | 30,000 00 |
| To complete sewer in Fulton avenue north of Presbury street | 23,000 00 |
| | $193,082 32 |

# TABLE C.

Statement of Streets, Lanes and Alleys paved for the year ending December 31, 1888.

| NAMES OF STREETS. | CONTRACTORS' NAMES. | NO. OF SQ. FT. | PRICE PER SQ. FOOT. | DATE OF CONTRACT. | DATE OF ACCEPTANCE. |
|---|---|---|---|---|---|
| Ostend street, from Light to Race street | James P. McGovern | 52,714 | 5 cents. | Nov. 30, 1887. | July 17, 1888. |
| Box alley, from German to Lombard street | James P. McGovern | 6,133 | 10 " | May 12, 1888. | July 17, " |
| Smallwood street, from Pratt to McHenry street | Morgan & Bresnan | 10,399 | 5 " | July 13, " | Sept. 4, " |
| Holbrook street, from Hoffman street to Point lane | Patrick Keelty | 49,357 | 5½ " | Mar. 10, " | Sept. 10, " |
| North avenue, from Pennsylvania avenue to western city limits | M. J. Flannery | 129,071 | 4½ " | Oct. 18, 1886. | Sept. 5, " |
| Wolfe street, from Monument to Madison street | Patrick Keelty | 16,697 | 6½ " | June 16, 1888. | Oct. 25, " |
| Orleans street, from Forrest street to Central avenue | James P. McGovern | 23,985 | 6 " | Sept. 8, " | Oct. 25, " |
| Federal street, from Holbrook to Ensor street | Patrick Keelty | 4,350 | 5½ " | Mar. 10, " | Dec. 1, " |
| Patterson Park avenue, from Oliver street to North avenue | Bergman & Peddicord | 67,830 | 5½ " | Mar. 12, " | Dec. 10, " |
| Wilkens avenue, from Gilmor to Bentalou street | Pinning Bros. | 87,957 | 5 " | May 4, " | Dec. 15, " |
| Biddle street, from Chester street to eastern city limits | W. R. Weaver & Co. | 65,520 | 5 " | July 13, 1887. | Dec. 22, " |
| Hope street, from Townsend street to North avenue | W. E. Anderson | 8,200 | Private con't. | Nov. 27, " | June 1, " |
| Kirby's lane, from Edmondson avenue to White street | C. Lannatiwitz | 4,300 | " | May 8, 1888. | July 1, " |

| | | | | | |
|---|---|---|---|---|---|
| Townsend street, from Bond to Caroline street | W. E. Anderson | 12,500 | " | July 3, 1888. | Aug. 1, 1888. |
| Gold street, from Etting to Division street. | G. Utterbaugh | 61,670 | " | July 9, " | Aug. 1, " |
| Gold street, from Pennsylvania avenue to Bouldin alley | G. Utterbaugh | 5,950 | " | July 9, " | Aug. 1, " |
| Total square feet | | 551,633 | | | |
| *Asphalt Block.* | | SQ. YDS. | | | |
| Fulton avenue, from Edmondson avenue to Presstman street | W. S. Wilkinson | 21,532 | $2 50 | | |

## TABLE D.

Showing the Quantity of Repairs done and Materials used on the Streets and Alleys during the year 1888.

| STREETS. | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Aisquith street | 5,419 | 101 | 4 | 160 |
| Aliceanna street | 37,689 | 413 | 90 | 157 |
| Amity street | 2,771 | 61 | 1 | 8 |
| Ann street | 36,348 | 556 | 80½ | 158 |
| Baltimore street | 138,158 | 1,596 | 329 | 120 |
| Barre street | 33,768 | 346 | 70½ | 64 |
| Bank street | 256 | 5 | ..... | ..... |
| Bethel street | 613 | 6 | ..... | ..... |
| Bath street | 407 | 9 | ¾ | ..... |
| Broadway | 52,732 | 641 | 72 | 98 |
| Baker street | 9,703 | 176 | ..... | ..... |
| Block street | 6,548 | 64 | 10 | ..... |
| Bond street | 18,232 | 226 | 36½ | ..... |
| Biddle street | 22,316 | 324 | 73½ | 100 |
| Belair avenue | 78,803 | 747 | 124 | 399 |
| Booth street | 230 | 3 | ..... | ..... |
| Bentalou street | 150 | 3 | ..... | ..... |
| Bowly's wharf | 771 | 6 | ½ | ..... |
| Boston street | 182 | 2 | ..... | ..... |
| Burke street | 2,189 | 26 | 4 | ..... |
| Bolton street | 3,100 | 88 | 5 | ..... |
| Charles street | 13,332 | 205 | 17¼ | ..... |
| Centre street | 13,117 | 118 | 17 | 160 |
| Cathedral street | 3,250 | 25 | 4 | ..... |
| Calvert street | 48,049 | 501 | 89 | ..... |
| Amts. carried forward. | 529,133 | 6,248 | 1,028½ | 1,424 |

TABLE D—Continued.

| STREETS. | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Amts. brought forward | 529,133 | 6,248 | 1,028½ | 1,424 |
| Calhoun street | 394 | 4 | ..... | ..... |
| Camden street | 24,801 | 220 | 47½ | ..... |
| Chew street | 13,190 | 120 | 26¼ | 199 |
| Chase street | 4,893 | 45 | 10 | ..... |
| Cook street | 24,194 | 344 | 33 | ..... |
| Canton avenue | 17,959 | 195 | 34 | ..... |
| Central avenue | 2,556 | 23 | 2 | ..... |
| Commerce street | 5,995 | 57 | 14 | ..... |
| Cooksie street | 1,476 | 15 | 3 | ..... |
| Cross street | 32,497 | 340 | 58½ | 160 |
| Cable street | 160 | 2 | ..... | ..... |
| Concord street | 13,528 | 158 | 39 | ..... |
| Cairo street | 5,360 | 55 | 7 | ..... |
| Clement street | 18,705 | 316 | 43 | ..... |
| Church street | 4,878 | 48 | 7 | ..... |
| Calverton road | 5,824 | 68 | 14 | ..... |
| Chapel street | 3,933 | 64 | 6 | ..... |
| Caroline street | 62,231 | 1,002 | 161¾ | ..... |
| Chester street | 11,032 | 210 | 48½ | 198 |
| Conway street | 3,565 | 53 | 4 | ..... |
| Carey street | 19,288 | 234 | 54 | ..... |
| Courtland street | 320 | 3 | 1 | ..... |
| Clay street | 200 | 3 | 1 | ..... |
| Covington street | 17,113 | 144 | 32 | ..... |
| Castle street | 817 | 12 | ..... | ..... |
| Columbia avenue | 3,300 | 25 | 5 | ..... |
| Amts. carried forward. | 827,342 | 10,008 | 1,680 | 1,981 |

TABLE D—Continued.

| STREETS. | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Amts. brought forward | 827,342 | 10,008 | 1,680 | 1,981 |
| Dallas street | 12,600 | 131 | 17 | 315 |
| Dillon street | 500 | 12 | ..... | 60 |
| Druid Hill avenue | 17,510 | 227 | 26 | 10 |
| Davis street | 1,093 | 15 | 2½ | ..... |
| Dover street | 3,436 | 29 | 2 | ..... |
| Dolphin street | 7,318 | 67 | 8 | ..... |
| Durham street | 5,520 | 63 | 11 | ..... |
| Diamond street | 1,500 | 14 | 1 | ..... |
| Division street | 4,391 | 85 | 4 | ..... |
| Eager street | 52,311 | 1,130 | 108½ | 602 |
| Eutaw street | 15,178 | 144 | 17 | ..... |
| Ensor street | 293 | 5 | ..... | ..... |
| Exeter street | 2,919 | 30 | 4½ | ..... |
| Edmondson avenue | 17,157 | 288 | 39 | ..... |
| East Falls avenue | 12,264 | 163 | 22 | ..... |
| Eastern avenue | 32,164 | 357 | 64 | ..... |
| Eden street | 14,228 | 299 | 27½ | 28 |
| Essex street | 1,947 | 19 | 3 | ..... |
| Fort avenue | 22,127 | 392 | 37 | 615 |
| Fayette street | 9,227 | 83 | 7 | 263 |
| Fairmount avenue | 1,888 | 29 | 2 | 50 |
| Fulton avenue | 8,681 | 120 | 12 | ..... |
| Fremont street | 23,911 | 241 | 44½ | 45 |
| Franklin street | 9,691 | 130 | 15 | ..... |
| Frederick avenue | 11,499 | 204 | 35 | ..... |
| Federal street | 3,192 | 43 | 3½ | ..... |
| Amts. carried forward. | 1,118,887 | 14,328 | 2,190 | 3,969 |

TABLE D—Continued.

| STREETS. | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Amts. brought forward | 1,118,887 | 14,328 | 2,190 | 3,969 |
| Fell street | 22,023 | 373 | 47½ | ..... |
| First street | 4,368 | 40 | 14 | ..... |
| Fourth street | 1,380 | 4 | 8 | ..... |
| Forrest street | 983 | 13 | 2 | 66 |
| Frederick street | 9,310 | 85 | 10¾ | ..... |
| Front street | 4,950 | 43 | 7 | ..... |
| Greene street | 3,058 | 25 | 8 | ..... |
| George street | 52 | 1 | ..... | 26 |
| Greenmount avenue | 13,648 | 264 | 36¾ | ..... |
| Garrett avenue | 5,490 | 113 | 6 | ..... |
| Granby street | 8,508 | 107 | 16 | ..... |
| Grant street | 10,467 | 112 | 19 | ..... |
| Grindall street | 1,150 | 21 | 2 | ..... |
| Howard street | 29,106 | 405 | 25 | ..... |
| High street | 14,548 | 131 | 23½ | ..... |
| Hare street | 200 | 7 | ..... | 121 |
| Hoffman street | 9,127 | 173 | 18 | ..... |
| Harford avenue | 1,533 | 17 | ..... | 78 |
| Hughes street | 27,366 | 162 | 44½ | ..... |
| Holliday street | 18,189 | 276 | 40½ | ..... |
| Hamburg street | 1,985 | 30 | 3 | ..... |
| Hull street | 8,153 | 70 | 19 | ..... |
| Haubert street | 650 | 5 | 3 | ..... |
| Henrietta street | 1,385 | 29 | 1 | ..... |
| Hanover street | 24,716 | 527 | 53 | ..... |
| Hollins street | 940 | 16 | ..... | 126 |
| Amts. carried forward | 1,342,172 | 17,377 | 2,597½ | 4,386 |

TABLE D—Continued.

| STREETS. | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Amts. brought forward | 1,342,172 | 17,377 | 2,597½ | 4,386 |
| Harrison street | 78 | 1 | ..... | ..... |
| Hamilton street | 7,634 | 68 | 14 | 223 |
| Harlem avenue | 3,502 | 33 | ..... | ..... |
| Hill street | 675 | 4 | 1 | ..... |
| Jefferson street | 6,515 | 87 | 14½ | ..... |
| Jasper street | 1,360 | 22 | 1 | 50 |
| Johnson street | 2,270 | 39 | 4 | ..... |
| John street | 19,105 | 438 | 30 | 168 |
| King street | 4,408 | 52 | 10 | ..... |
| Lexington street | 38,620 | 497 | 102¾ | ..... |
| Lanvale street | 13,929 | 189 | 41¼ | 7 |
| Little Montgomery st | 740 | 5 | ..... | ..... |
| Lombard street | 28,211 | 381 | 35 | 210 |
| Lee street | 12,557 | 111 | 9 | 88 |
| Luzerne street | 2,633 | 39 | 4 | ..... |
| Light street | 22,349 | 380 | 32 | ..... |
| Lancaster street | 13,846 | 164 | 28½ | ..... |
| Linden avenue | 6,871 | 70 | 2 | 67 |
| Low street | 4,359 | 46 | 5 | ..... |
| Lafayette avenue | 75,487 | 1,330 | 145½ | 238 |
| Leadenhall street | 18,383 | 164 | 14 | ..... |
| Liberty street | 5,779 | 102 | ..... | ..... |
| Laurens street | 9,457 | 102 | 2 | 12 |
| Long Dock | 517 | 7 | ..... | ..... |
| McDonogh street | 4,668 | 43 | 1 | 203 |
| Madison street | 11,836 | 160 | 8¾ | 214 |
| Amts. carried forward | 1,657,961 | 21,911 | 3,104¾ | 5,866 |

TABLE D—Continued.

| STREETS. | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Amts. brought forward | 1,657,961 | 21,911 | 3,104¾ | 5,866 |
| Marion street | 1,460 | 13 | ..... | ..... |
| Monument street | 26,111 | 354 | 26 | 390 |
| Mulberry street | 527 | ..... | ..... | ..... |
| Mount street | 2,720 | 30 | 1 | ..... |
| Montgomery street | 12,795 | 141 | 22 | ..... |
| Monroe street | 5,910 | 109 | 6 | ..... |
| McCulloh street | 14,114 | 147 | 22 | ..... |
| McKim street | 8,555 | 93 | 16 | 21 |
| Maryland avenue | 280 | 2 | ..... | ..... |
| Mosher street | 12,008 | 128 | 18 | 166 |
| Mott street | 1,400 | 12 | 2 | ..... |
| McMechen street | 3,978 | 90 | 2 | ..... |
| McElderry's wharf | 7,177 | 121 | 25½ | ..... |
| McElderry street | 1,000 | 11 | 2 | ..... |
| North avenue | 30,211 | 372 | 57½ | ..... |
| North street | 11,278 | 114 | 40¾ | ..... |
| Neighbor street | 1,514 | 13 | 2 | ..... |
| Oliver street | 16,171 | 178 | 36 | 31 |
| Orchard street | 425 | 7 | ..... | ..... |
| O'Donnell street | 2,894 | 29 | 6 | ..... |
| Orleans street | 1,516 | 19 | 2½ | ..... |
| Patterson Park avenue | 8,744 | 100 | 28 | 27 |
| Paca street | 160 | 1 | ..... | ..... |
| Poultney street | 107 | 3 | ..... | ..... |
| Patterson avenue | 27,565 | 484 | 42 | ..... |
| Pratt street | 56,343 | 626 | 61 | 229 |
| Amts. carried forward | 1,912,924 | 25,101 | 3,523 | 6,730 |

TABLE D—Continued.

| STREETS. | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Amts. brought forward | 1,912,924 | 25,101 | 3,523 | 6,730 |
| President street | 6,129 | 60 | 8 | ..... |
| Presstman street | 29,598 | 726 | 63 | ..... |
| Park avenue | 12,632 | 157 | 19 | 126 |
| Pennsylvania avenue | 7,130 | 80 | 11 | ..... |
| Preston street | 22,140 | 262 | 33 | ..... |
| Perry street | 208 | 2 | ..... | ..... |
| Pleasant street | 1,561 | 11 | 2 | 70 |
| Pine street | 300 | 5 | ..... | 60 |
| Patterson street | 2,690 | 26 | 2 | ..... |
| Raborg street | 688 | 14 | ½ | ..... |
| Rose street | 4,121 | 47 | 4 | ..... |
| Regester street | 11,493 | 148 | 20 | 132 |
| Race street | 6,021 | 152 | 12 | ..... |
| Read street | 1,371 | 9 | 1 | ..... |
| Randall street | 1,215 | 14 | 1 | ..... |
| Robert street | 572 | 4 | 2 | ..... |
| Richmond street | 3,830 | 74 | 6 | ..... |
| Sharp street | 25,796 | 245 | 27½ | 27 |
| Saratoga street | 18,067 | 549 | 35 | 34 |
| Stirling street | 1,521 | 13 | ½ | ..... |
| Stiles street | 1,407 | 10 | 1 | ..... |
| Sewell street | 5,544 | 53 | 1 | ..... |
| Spring street | 7,185 | 112 | 12 | 143 |
| St. Paul street | 3,209 | 45 | 3½ | ..... |
| South street | 1,375 | 16 | ..... | ..... |
| Stricker street | 32,960 | 773 | 58 | 60 |
| Amts. carried forward | 2,121,687 | 28,708 | 3,846 | 7,382 |

TABLE D—Continued.

| STREETS. | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Amts. brought forward | 2,121,687 | 28,708 | 3,846 | 7,382 |
| Somerset street | 8,625 | 97 | 7 | 70 |
| Smith street | 130 | 2 | ..... | ..... |
| Second street | 857 | 7 | 1 | ..... |
| St. Mary street | 1,430 | 11 | ..... | ..... |
| Shakespeare street | 641 | 5 | 1 | ..... |
| Townsend street | 25,870 | 591 | 49 | ..... |
| Thames street | 25,399 | 592 | 52½ | ..... |
| Temple street | 797 | 9 | ..... | ..... |
| Tessier street | 300 | 2 | ..... | ..... |
| Union Dock | 3,510 | 55 | 12 | ..... |
| West street | 5,949 | 61 | 1 | ..... |
| Wehage street | 2,972 | 28 | 3 | ..... |
| William street | 7,678 | 83 | 7½ | ..... |
| Will street | 610 | 6 | 3 | ..... |
| Washington street | 54,613 | 1,216 | 96 | ..... |
| Wolfe street | 52,448 | 972 | 169 | ..... |
| Water street | 4,670 | 61 | 16 | ..... |
| Warren avenue | 8,068 | 81 | 9½ | ..... |
| Windsor street | 2,128 | 36 | 1½ | 74 |
| Wilcox street | 4,800 | 44 | 5 | ..... |
| Wyoming street | 1,390 | 12 | ..... | ..... |
| Wilson street | 1,460 | 10 | ..... | ..... |
| York street | 14,551 | 119 | 6 | ..... |
| | 2,350,583 | 32,808 | 4,286 | 7,526 |

## TABLE D—Continued.

Showing the Quantity of Repairs done and Materials used on Lanes and Alleys during the year 1888.

| LANES AND ALLEYS. | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Addison alley | 1,480 | 14 | 2 | ..... |
| Bank lane | 100 | 1 | ..... | ..... |
| Boulden alley | 7,648 | 92 | 9 | 79 |
| Cider alley | 4,240 | 35 | 5 | ..... |
| Callendar alley | 820 | 6 | 2 | ..... |
| Crooked lane | 4,155 | 34 | 4 | 18 |
| Carlton alley | 1,200 | 23 | 1 | ..... |
| China alley | 4,700 | 71 | 4½ | ..... |
| Dawson alley | 6,292 | 60 | 5 | 327 |
| Duncan alley | 448 | 6 | ..... | ..... |
| East lane | 1,960 | 30 | 2 | 200 |
| Elizabeth lane | 1,435 | 13 | 3 | ..... |
| Guilford alley | 3,840 | 32 | 3 | ..... |
| Garrett alley | 2,096 | 20 | 2 | ..... |
| Goldsmith's alley | 5,820 | 67 | 7 | ..... |
| Hargrove alley | 1,596 | 20 | 1 | ..... |
| Jenkins' alley | 2,640 | 31 | 4 | ..... |
| Jordan alley | 10,344 | 89 | 12 | ..... |
| John alley | 2,340 | 18 | 6 | 25 |
| Lovegrove alley | 550 | 12 | ½ | ..... |
| Morton alley | 10,548 | 146 | 28 | 427 |
| McCulloh alley | 1,200 | 12 | 3 | ..... |
| Madeira alley | 12,043 | 129 | 19 | ..... |
| Mason alley | 4,580 | 90 | 5 | ..... |
| Morris alley | 2,920 | 21 | 3 | ..... |
| Amts. carried forward. | 94,995 | 1,072 | 131 | 1,076 |

TABLE D—Continued.

| LANES AND ALLEYS. | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Amts. brought forward | 94,995 | 1,072 | 131 | 1,076 |
| Orange alley | 1,326 | 17 | 1 | ..... |
| Plum alley | 764 | 7 | 1 | ..... |
| Pear alley | 1,415 | 15 | 2 | ..... |
| Smith's court | 1,430 | 17 | 2 | ..... |
| Shield's alley | 180 | 2 | ..... | ..... |
| Stoddard alley | 3,248 | 37 | 5 | ..... |
| Vincent alley | 10,847 | 108 | 17 | 260 |
| Wagon alley | 2,550 | 56 | 4 | ..... |
| Wilmer alley | 200 | 3 | ..... | 18 |
| Wine alley | 75 | 1 | ½ | ..... |
| | 117,030 | 1,335 | 163½ | 1,354 |

## TABLE D—Concluded.

Grand Total Quantities of Repairs in Streets and Alleys.

| | AREA IN SQ. FEET. | LOADS OF SAND. | PERCHES OF STONE. | LINEAR FEET KERB RESET. |
|---|---|---|---|---|
| Streets | 2,350,583 | 32,808 | 4,286 | 7,526 |
| Alleys | 117,030 | 1,335 | 163½ | 1,354 |
| | 2,467,613 | 34,143 | 4,449½ | 8,880 |

# TABLE E.

Showing Quantity and Cost of Work done by Superintendents of Street Repairs.

| SUPERINTENDENTS. | SQUARE FEET PAVED. | LINEAR FEET KERB RESET. | PERCHES OF STONE. | LOADS OF SAND. | COST. |
|---|---|---|---|---|---|
| John Fitzpatrick | 202,856 | 525 | 247 | 2,327 | $6,757 13 |
| P. M. Holbrook | 206,421 | 1,132 | 303 | 2,649 | 6,875 88 |
| John L. Brown | 195,443 | 1,027 | 212 | 2,149 | 6,510 21 |
| R. W. Keilly | 179,829 | 498 | 417 | 2,729 | 5,990 10 |
| Moses Egan | 191,943 | 697 | 328 | 2,487 | 6,393 62 |
| Walter Sauerwein | 185,454 | ... | 291 | 3,337 | 6,177 47 |
| W. H. Lennon | 211,355 | 749 | 369½ | 2,949 | 7,040 24 |
| George E. Weaver | 179,735 | 218 | 389½ | 3,092 | 6,186 97 |
| H. E. Schneider | 190,218 | 1,099 | 420¾ | 3,186 | 6,296 22 |
| E. J. Stapleton | 195,749 | 918 | 416½ | 2,923 | 6,520 40 |
| Joseph Schoenig | 177,165 | 998 | 208 | 1,853 | 5,901 37 |
| Thomas Kavanaugh | 177,741 | 947 | 411 | 2,406 | 5,920 55 |
| E. D. Dunphy | 113,617 | 72 | 331 | 1,326 | 4,733 07 |
| James Kelly | 60,087 | ... | 104½ | 730 | 2,012 50 |
| | 2,467,613 | 8,880 | 4,449½ | 34,143 | 83,315 73 |

## TABLE F.

Showing the Revenue received in the City Commissioner's Department for the year ending December 31, 1888.

| ON WHAT ACCOUNT. | AMOUNTS. |
|---|---|
| Vaults and areas | $1,097 80 |
| Repairs of sewers | 2,163 50 |
| Repairs of paved streets | 510 10 |
| Iron gutter-plates | 48 75 |
| Cross Street Market, repaving | 215 25 |
| Fell's Point Market, repaving | 118 75 |
| Improvement of Jones' Falls | 21 67 |
| Light street bridge | 139 23 |
| Improvement of Fulton avenue | 75 80 |
| Paving streets (Fulton avenue) | 2,623 25 |
| Repairing streets (Annex) | 50 |
| Public printing | 134 00 |
| | $7,148 60 |

# REPORT

—OF THE—

# JONES' FALLS COMMISSION.

# REPORT.

BALTIMORE, January 1, 1889.

*To the Honorable the Members*
*of the City Council of Baltimore:*

GENTLEMEN:

The very full report of the Engineer of the Jones' Falls Commission, Mr. William H. Marriott, gives in detail all the work done by the Commission during the year 1888. This report is herewith submitted for your consideration.

We are, respectfully,

FERDINAND C. LATROBE, *Mayor,*

A. E. SMYRK, *City Commissioner,*

*Jones' Falls Commission.*

# Engineer's Report.

Baltimore, December 31, 1888.

*Hon. F. C. Latrobe, Mayor, A. E. Smyrk, City Commissioner, constituting the Jones' Falls Commission:*

Gentlemen:

I herewith submit a report in detail of all work done under the supervision of the Commission along the line of Jones' Falls during the year 1888.

## Retaining Walls.

At the date of last annual report work was in course of prosecution on both sides of the Falls, between Biddle and Preston streets; and by April 27th the walls at those points were entirely completed, the bed of the Falls thoroughly cleaned to bed rock, and the derricks in position for new work authorized, as follows: Gang A, James Donohue, foreman, upon the east side of Falls, north of Preston street; Gang B, P. C. O'Donnell, foreman, upon the south bank of Falls, between Charles street and Maryland avenue; Gang C, M. W. Wallace, foreman, on the west side of Falls, north of Preston street.

The character of the work heretofore done along the Falls has been strictly adhered to in the prosecu-

tion of this new work, and it will bear favorable comparison thereto, both as to appearance, quality, and cost.

The Ashlar stone used is from the Beaver Dam Quarries at Cockeysville, the courses ranging from thirty inches to twenty-four inches rise; the finished wall being coped with fifteen inch cut coping. The backing is of large Falls road stone, all the masonry being laid in hydraulic cement mortar (slow setting Round Top brand).

The foundations for the work of Gangs A and C above Preston street are upon the solid bed rock, prepared by blasting; but that for the work of Gang B, between Charles street and Maryland avenue, had to be sunk some six feet below the bed of the stream before a satisfactory footing could be obtained, and to be secure from scour. At this point a great amount of excavation had to be made in order to locate the wall upon the proper line, the earth filling of years having very much encroached upon the line of the stream. The question of the disposal of this large body of surplus earth that now blocks the bed of the Falls has been settled by the permission granted by the Northern Central Railway Company to transfer it across stream to their property, and by so doing the channel will be straightened at this point. This will be the most economical method of removing this waste material. In order to do this, it will be necessary to extend a city sewer that has an outlet there to the Falls line proper. The removal of this earth and the extension of this sewer should be provided for out of the balance of the Improvement Bonds yet unissued.

*Statement of Work done upon the Retaining Walls along the line of Jones' Falls during the year* 1888.

| NO. OF GANG. | LINEAR FEET OF WALL BUILT. | CUBIC YARDS MASONRY LAID. | TOTAL COST. | AVERAGE COST PER CUBIC YD. LAID. |
|---|---|---|---|---|
| | FT. IN. | | | |
| 3 and 12. | 58 5 | 582.340 | $ 7,176 98 | ..... |
| A..... | 159 .. | 1,866.805 | 20,427 88 | ..... |
| B..... | 149 .. | 1,182.713 | 18,905 43 | ..... |
| C..... | 150 6 | 2,050.016 | 20,559 36 | ..... |
| Totals. | 516 11 | 5,681.874 | $67,069 65 | $11 80 |

*Summary of Amount and Cost of Work from Average date of June* 15, 1881.

| NO. OF GANG. | LINEAR FEET OF WALL BUILT. | CUBIC YARDS MASONRY LAID. | TOTAL COST. | COST PER CUBIC YARD. |
|---|---|---|---|---|
| | FT. IN. | | | |
| No. 1... | 933 4 | 2,380.08 | $ 47,397 16 | $19 91 |
| No. 2... | 1,720 2 | 4,195.93 | 86,805 38 | 20 68 |
| No. 3... | 1,168 9 | 12,236.19 | 142,480 07 | 11 64 |
| No. 4... | 635 5 | 7,878.84 | 79,148 73 | 10 04 |
| No. 5... | 279 2 | 2,496.74 | 26,608 00 | 10 65 |
| No. 6... | 301 3 | 2,536.50 | 30,775 56 | 12 13 |
| No. 7... | 190 2 | 1,830.31 | 20,104 55 | 10 98 |
| No. 10... | 341 2 | 2,909.62 | 35,170 57 | 12 08 |
| No. 12... | 229 9 | 2,850.79 | 31,067 49 | 10 89 |
| A..... | 159 .. | 1,866.80 | 20,427 88 | 10 94 |
| B..... | 149 .. | 1,182.71 | 18,905 43 | 15 98 |
| C..... | 150 6 | 2,050.02 | 20,559 36 | 10 02 |
| Totals. | 6,257 8 | 44,414.53 | $559,450 18 | $12 59 |

It will thus be seen that the average cost per cubic yard for the year is $11.80, and that the average cost per yard since 1881 has been $12.50. It must be borne in mind, however, that this cost price per yard covers all expenses of excavations, fillings, foundations, etc., as well as masonry. The labor has been all by the day and at city rates; the amount of money disbursed as wages during 1888 to the men being $31,072.62, and since June 15, 1881, $245,832.22.

### SUNKEN PARKS OR TERRACES.

The work upon these terraces during the year has been the setting and completion of the granite work and steps for the terrace between Guilford avenue and Calvert street; the erection of bronze pillars and lamps upon granite bases heretofore prepared, and other final work. These terraces are now entirely completed, and it is recommended that they be placed under the care of the Park Board for maintenance in the future.

### CHARLES STREET BRIDGE.

The handsome bronze pillars and lamps designed for this bridge have been put in position upon the granite pedestals, already set, and the work upon this elegant and durable structure has now been entirely completed and cannot fail to be a source of satisfaction to all connected with it.

### ST. PAUL AND CALVERT STREET BRIDGES.

Attention having been called in last report to the urgent need of proper protection of the vital parts of

these important bridges from the action of the coal gases of locomotives, your Engineer during the year has had the parts immediately affected thoroughly scraped and painted, and the exposed vital members protected by close galvanized iron shields. This protection is complete so far as the vital parts of these bridges are concerned, but the general under surfaces of these structures should be painted annually with a good metallic paint, well laid on.

### DRAWBRIDGE.

The items charged against the City Dock drawbridge were for sundry betterments and important repairs made under the direct supervision of this office, and include new wire pulling ropes for hydraulic engine, boxing of water pipe, and repairing of truss members damaged by a collision.

### DREDGING JONES' FALLS.

The work of dredging Jones' Falls was resumed on March 19th, and was prosecuted continuously until December 6th, at which date the fund set aside by the Commission for this work became exhausted. It was found necessary on resumption, because of the filling up of the bed of the stream during the winter, to begin at Canton avenue bridge and recut a channel to the point above Fayette street bridge, where operations were suspended in December, 1887, before the work in the upper Falls could be prosecuted.

The winter and spring freshets had brought down large quantities of material, and the various sewers had contributed greatly to fill up the channel previously dug, so that at Fayette street bridge, where a depth of ten feet had been dredged, eighteen inches of water at mean tide only remained. The work was continued steadily, and a depth of ten feet at mean tide at Gay street bridge, a depth of eight feet beneath the bridge proper, and a depth of six feet for a distance of one hundred and fifty feet above the bridge, was obtained on three successive cuts. The continuous action of the current made it impossible to retain these depths, but the bed of the stream above this point has been materially lowered by the relief thus afforded, as reference to the diagrams herewith submitted will attest.

The work having been extended as far up the Falls (Gay street) as was considered essential, the reopening of the channel towards its mouth was then undertaken in order to allow the stream to free itself. The tracings appended to this report show the condition of the bed of the Falls on April 10, 1886, when the system of dredging was first commenced, and the condition on December 6, 1888, when operations were suspended, and also a profile of the bed of the Falls on centre line from Gay street to Canton avenue taken December 6, 1888.

The following statement of material removed from the bed of Jones' Falls, and the cost of the same since the dredging began in 1886, is herein submitted:

Total cubic yards removed to January 1, 1888 . 149,133.57
Total cubic yards removed from January 1, 1888, to December 6, 1888 ..... 71,450.00

Grand total ..... 220,583.57

At a total cost of $87,561.49.

The wisdom of the course of the Commission in prosecuting the thorough dredging of the Falls has been fully demonstrated by the relief afforded from flood, when, as last summer, the city was visited by heavy and frequent storms, which taxed all the ordinary water channels to their utmost.

The work of dredging the Falls, as far as this Commission is concerned, may be now considered completed; but it should be made, by ordinance, part of the regular city work to free the lower Falls annually as far as Baltimore street, to a depth of ten feet, of the deposits that are made there. By so doing the upper channel will free itself and the danger from floods be kept at the minimum. The sum of five thousand dollars, or as much thereof as may be found necessary, should be appropriated annually to do this work.

It may be well here to call attention, as one of the good results of the dredging, to the fact that tide-water now reaches Hillen street bridge.

The following detailed statement of expenditures on Jones' Falls Improvement for the year 1888 is submitted:

| | |
|---|---|
| For the building of retaining walls, as per sub-detail statement | $67,069 65 |
| For the work of Gang 10 on same and cleaning bed of Falls below Preston street | 2,728 11 |
| Total for retaining walls | $69,797 76 |
| For the completion of work upon the Falls terraces between Guilford avenue and Lovegrove alley | 5,098 17 |
| For the completion of Charles street bridge, including lamps, pillars, etc | 1,036 25 |
| For the protection shields and work upon two hundred and eighty feet span St. Paul street bridge | 3,578 09 |
| For the protection shields and painting upon one hundred and forty-five feet span and viaduct Calvert street bridge | 3,314 63 |
| For the dredging Jones' Falls, amount paid out | 29,976 54 |
| For the betterments and repairs to City Dock drawbridge | 167 85 |
| For the office expenses, including rent, fuel, etc | 281 85 |
| For the engineer's pay roll for 1888 | 2,676 67 |
| Total for expenditures for 1888 | $115,927 81 |

*Statement of Expenditures Balanced by Vouchers Issued from this Office.*

| | | |
|---|---|---|
| Total vouchers issued during the year 1888 | | $115,223 16 |
| Estimated value of equipments at the beginning of year 1888, credit | $7,926 45 | |
| By cash sales of junk and old material | 258 10 | |
| Net estimated value | $7,668 35 | |
| Estimated present value of equipment | 6,963 70 | |
| Net loss by wear and tear | $704 65 | 704 65 |
| Total gross expenditures | | $115,927 81 |

An examination into the present condition of the following bridges, constructed under the supervision of your Commission, has been made, and I have to report as follows, viz.:

Charles street bridge is in first-class order, and needs nothing to be done.

| | |
|---|---|
| St. Paul street bridge needs a new pipe to replace the lower rail of the two hundred and eighty feet span hand-rail, which has rusted away. Estimated cost | $300 00 |
| This bridge should receive a fresh painting all over to protect it from the weather, the estimated cost of which will be | 2,000 00 |
| Amount carried forward | $2,300 00 |

| | |
|---|---|
| Amount brought forward | $2,300 00 |
| Calvert street bridge needs painting also, and especially on the under side of the floor. Estimated cost | 1,500 00 |
| As to the condition of the asphalt floors upon both St. Paul and Calvert street bridges, I have to report that the parties, Messrs. A. L. Barber & Co., of Washington, who are under contract for the maintenance of the same, have been notified to resurface them this coming season, and the work will be done as soon as the weather conditions are favorable. | |
| North street bridge is in pressing need of cleaning and painting all over, and I would urge attention to this as soon as possible. Estimated cost of same | 900 00 |
| Biddle street bridge is in good condition and needs no repairs. The asphalt floor is under contract of maintenance with Messrs. Crawford & Filbert, of this city. Provision must be made for fixed charges, as shown hereafter. | |
| Chase street bridge needs early attention, especially the span over the tracks of the Northern Central Railway Company. This is badly rusted, and should be cleaned and painted. Estimated cost | 1,000 00 |
| Gay street bridge is in excellent condition and needs no attention. | |
| Pratt street bridge needs painting on under side of floor to protect from rust. Estimated cost | 150 00 |
| Amount carried forward | $5,850 00 |

| | |
|---|---|
| Amount brought fordward | $5,850 00 |
| City Dock drawbridge is in good condition, excepting the under side of floor system, which is much rusted and should be painted. Estimated cost | 300 00 |
| Total cost, estimated, of recommended expenditures | $6,150 00 |

Provision must be made for the following fixed charges for maintenance of asphalt floors on bridges, viz.:

To Messrs. A. D. Barber & Co., Washington, D. C.:

| | |
|---|---|
| For St. Paul street bridge | $946 27 |
| For Calvert street bridge | 536 05 |

To Messrs. Crawford & Filbert:

| | |
|---|---|
| For Biddle street bridge | 129 84 |
| Total | $1,612 16 |

These amounts are obligatory upon the city.

REVIEW OF PRESENT AND FUTURE WORK.

The work now in hand and under way is the construction of the retaining walls on the south bank of the Falls, between Charles street and Maryland avenue, and on both sides of the stream north of Preston street. The cost of these is provided for out of the funds now in hand; but in order to complete these improvements, and to clear the Falls of the large amount of debris that now blocks its bed above Charles street, and the removal of which is an imperative necessity, provision must be made.

There still remains for the improvement of Jones' Falls $28,000 of unissued stock as available resources, and your Engineer would recommend that this stock be issued, and as much thereof as may be required for the above-mentioned work be expended, and that any balance remaining be reserved by the Commission to meet any future expenditures that may be needed along the line of Jones' Falls, especially the restoration of any old walls that up to this time have been preserved, but which may, in the course of improvement, need rebuilding.

Estimated value of plant and equipment, and their distribution, is as follows, December 31, 1888:

| | |
|---|---|
| With Gang A at Preston street | $3,205 30 |
| With Gang B at Charles street | 1,670 30 |
| With Gang C at Preston street | 2,088 10 |
| Total | $6,963 70 |

Respectfully submitted,

WILLIAM H. MARRIOTT,

*Engineer to Commission.*

# ANNUAL REPORT

OF THE

# Department of Street Cleaning

OF THE

CITY OF BALTIMORE,

TO THE

## Mayor and City Council of Baltimore,

FOR THE

Fiscal Year Ending December 31, 1888.

OFFICERS AND EMPLOYEES

— OF THE —

# Department of Street Cleaning,

FOR THE YEAR 1888.

B. E. SMITH,

*Commissioner of Street Cleaning.*

FRANK DANDELET,

*Clerk.*

*Superintendents of Streets:*

B. V. KELLY, 1*st District.* JAS. F. BUSEY, 4*th District.*

G. E. MCCAULEY, 2*d District.* H. LANCASTER, 5*th District.*

MICHAEL FADGEN, 3*d District.* JOHN MEAGHER, 6*th District.*

JOSEPH MCGEE, 7th *District.*

*Superintendents of Dumps:*

JOHN HOLDEFER, *Canton.* LOUIS E. FEFEL, *Spring Garden.*

F. P. QUINN, *Back Basin.* J. T. CROPPER, *Eager Street.*

ALFRED FREEDY, *South Baltimore.*

# REPORT.

DEPARTMENT OF STREET CLEANING—CITY HALL,

BALTIMORE, January 1, 1889.

*To the Honorable the Mayor*
*and City Council of Baltimore City:*

GENTLEMEN:

I have the honor to submit herewith the report of the Street Cleaning Department, in conformity with the provisions of Ordinance No. 6, approved February 11, 1882.

The annexed tables show the number of men employed, the work performed, the money expended, and the amount received for refuse, &c., during the year by this department.

The appropriation for the year, having been the amount estimated for the cleaning of the streets and alleys, the collection of garbage, and the removal of snow, the work has been regularly performed.

The special amount appropriated enabled the department, without delay, to clear away the snow from the principal thoroughfares and market houses, and still

left a balance unexpended, which will be seen by reference to table "G." I would respectfully ask that a like sum be appropriated this year for the same purpose.

Further experience compels me to again make the suggestion made in former reports, that the authority to employ the men for the service should be vested in the Commissioner, to secure the more efficient performance of the work.

Immediately after the vote of annexation, your Commissioner took control of the new district for the collection of garbage. By Ordinance No. 87, of 1888, authorizing the establishment of a new district, and the appointment of a superintendent thereof, the superintendent was appointed and the work begun under his supervision on the 1st of July; the report of the work done and account of the expense will be found by reference to table "F." The same ordinance provides for a re-division of all the districts by the Commissioner; this has not been done, owing to the difficulty of apportioning the expenses between the two accounts.

The contract for the removal of garbage from the City having been made for two years from the 1st of July, 1887, Matthew W. Adams, the contractor for said removal, performs that service this year for the sum of eight thousand dollars. No provision has been made for the payment of the amount due for this service for the six months ending December 31, 1888. If the same disposition of garbage be continued during the next year, it will be necessary to provide for its removal by

rail from the northern part of the City, the dumps now being so remote from this section that more time is consumed by the carts going and returning than in the collection of the matter.

Contracts were made for the purchase of the street dirt for this year with Edward T. Clifford, for the first and third districts, for six hundred dollars; M. B. Gump, for the fourth district, for three hundred and fifty dollars; Charles Lancaster, for the fifth district, for four hundred dollars, and Herman Cook, for the sixth district, for one hundred and twenty-five dollars. No contract was made for the second district. By reference to table "B" it will be seen that your Commissioner has realized from the sale of refuse, &c., during the year, and turned over to the Comptroller, nineteen hundred and eighteen dollars and fifty cents.

In conclusion, I return thanks to the superintendents for their efficient co-operation and earnest support in the working of the Department. The following is an estimate of expenses for the year 1889:

| | |
|---|---|
| 135 Garbage carts and men, at $18 per week | $126,360 00 |
| 56 Street carts and men, at $18 per week | 52,416 00 |
| 125 Sweepers and scrapers, at $10 per week | 65,000 00 |
| Contract for removal of garbage | 8,000,00 |
| Salaries | 9,000 00 |
| Dumps | 4,500 00 |
| Tools and incidentals | 1,850 00 |
| | $267,126 00 |
| Removal of snow | 5,000 00 |
| | $272,126 00 |

CITY ANNEX.

| | |
|---|---|
| 11 Garbage carts and men, at $18 per week | $10,296 00 |
| 3 Street carts and men, at $18 per week | 2,808 00 |
| 6 Sweepers and scrapers, at $10 per week | 3,120 00 |
| Salary of superintendent | 1,000 00 |
| Tools and incidentals | 60 00 |
| | $17,284 00 |

Respectfully submitted,

B. E. SMITH,

*Commissioner of Street Cleaning.*

# TABLES.

## TABLE A.

Weekly Report showing amount of work done in the Street Cleaning Department, the number of men and carts employed in the several Districts, and amount of money expended for the same, from Jan. 1 to Dec. 31, 1888.

| FIRST DISTRICT. B. V. KELLY, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Jan. 9 | 798 | 1008 | $324 00 | $458 83 | 18 | 8 | 23 | 1806 | $782 83 |
| " " 16 | 748 | 483 | 324 00 | 290 91 | 18 | 8 | 23 | 1231 | 614 91 |
| " " 23 | 745 | 1008 | 324 00 | 371 50 | 18 | 8 | 23 | 1753 | 695 50 |
| " " 30 | 785 | 1008 | 324 00 | 374 00 | 18 | 8 | 23 | 1793 | 698 00 |
| | 3076 | 3507 | $1296 00 | $1495 24 | 72 | 32 | 92 | 6583 | $2791 24 |
| Week ending Feb. 6 | 804 | 1008 | $324 00 | $374 00 | 18 | 8 | 23 | 1812 | $698 00 |
| " " 13 | 796 | 1248 | 324 00 | 364 83 | 18 | 8 | 23 | 2044 | 688 83 |
| " " 20 | 840 | 1248 | 324 00 | 374 00 | 18 | 8 | 23 | 2088 | 698 00 |
| " " 27 | 821 | 1248 | 324 00 | 369 83 | 18 | 8 | 23 | 2069 | 693 83 |
| | 3261 | 4752 | $1296 00 | $1482 66 | 72 | 32 | 92 | 8013 | $2778 66 |

TABLE A.—Continued.

| FIRST DISTRICT. B. V. KELLY, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending March 5..... | 816 | 1008 | $324 00 | $363 70 | 18 | 8 | 23 | 1824 | $687 70 |
| " " 12..... | 810 | 1008 | 324 00 | 369 00 | 18 | 8 | 23 | 1818 | 693 00 |
| " " 19..... | 842 | 1080 | 324 00 | 365 66 | 18 | 8 | 23 | 1922 | 689 66 |
| " " 26..... | 862 | 820 | 324 00 | 339 33 | 18 | 8 | 23 | 1682 | 663 33 |
| | 3330 | 3916 | $1296 00 | $1437 69 | 72 | 32 | 92 | 7246 | $2733 69 |
| Week ending April 2..... | 832 | 560 | $324 00 | $297 00 | 18 | 8 | 23 | 1392 | $621 00 |
| " " 9..... | 823 | 760 | 324 00 | 369 00 | 18 | 8 | 23 | 1583 | 693 00 |
| " " 16..... | 835 | 760 | 324 00 | 359 83 | 18 | 8 | 23 | 1595 | 683 83 |
| " " 23.. .... | 759 | 760 | 324 00 | 366 50 | 18 | 8 | 23 | 1519 | 690 50 |
| " " 30..... | 815 | 760 | 324 00 | 369 00 | 18 | 8 | 23 | 1575 | 693 00 |
| | 4064 | 3600 | $1620 00 | $1761 33 | 90 | 40 | 115 | 7664 | $3381 33 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending May 7..... | 767 | 760 | $324 00 | $374 00 | 18 | 8 | 23 | 1527 | $698 00 |
| " " 14..... | 803 | 760 | 324 00 | 370 66 | 18 | 8 | 23 | 1563 | 694 66 |
| " " 21..... | 705 | 760 | 324 00 | 371 50 | 18 | 8 | 23 | 1465 | 695 50 |
| " " 28..... | 777 | 720 | 324 00 | 328 16 | 18 | 8 | 23 | 1497 | 652 16 |
| | 3052 | 3000 | $1296 00 | $1444 32 | 72 | 32 | 92 | 6052 | $2740 32 |
| Week ending June 4..... | 718 | 635 | $324 00 | $321 00 | 18 | 8 | 23 | 1353 | $645 00 |
| " " 11..... | 734 | 760 | 324 00 | 374 00 | 18 | 8 | 23 | 1494 | 698 00 |
| " " 18..... | 704 | 720 | 324 00 | 374 00 | 18 | 8 | 23 | 1424 | 698 00 |
| " " 25..... | 704 | 800 | 324 00 | 374 00 | 18 | 8 | 23 | 1504 | 698 00 |
| | 2860 | 2915 | $1296 00 | $1443 00 | 72 | 32 | 92 | 5775 | $2739 00 |
| Week ending July 2..... | 657 | 800 | $324 00 | $367 33 | 18 | 8 | 23 | 1457 | $691 33 |
| " " 9..... | 719 | 760 | 324 00 | 374 00 | 18 | 8 | 23 | 1479 | 698 00 |
| " " 16..... | 717 | 800 | 324 00 | 364 83 | 18 | 8 | 23 | 1517 | 688 83 |
| " " 23..... | 740 | 760 | 324 00 | 373 16 | 18 | 8 | 23 | 1500 | 697 16 |
| " " 30..... | 749 | 800 | 324 00 | 374 00 | 18 | 8 | 23 | 1549 | 698 00 |
| | 3582 | 3920 | $1620 00 | $1853 32 | 90 | 40 | 115 | 7502 | $3473 32 |

TABLE A.—Continued.

| FIRST DISTRICT. — B. V. KELLY, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c, Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending August 6.... | 792 | 760 | $324 00 | $374 00 | 18 | 8 | 23 | 1552 | $698 00 |
| " " 13..... | 751 | 800 | 324 00 | 374 00 | 18 | 8 | 23 | 1551 | 698 00 |
| " " 20..... | 702 | 800 | 324 00 | 373 16 | 18 | 8 | 23 | 1502 | 697 16 |
| " " 27..... | 783 | 855 | 324 00 | 357 00 | 18 | 8 | 23 | 1638 | 681 00 |
| | 3028 | 3215 | $1296 00 | $1478 16 | 72 | 32 | 92 | 6243 | $2774 16 |
| Week ending Sept. 3..... | 711 | 800 | $324 00 | $374 00 | 18 | 8 | 23 | 1511 | $698 00 |
| " " 10..... | 737 | 800 | 324 00 | 374 00 | 18 | 8 | 23 | 1537 | 698 00 |
| " " 17..... | 755 | 765 | 324 00 | 344 33 | 18 | 8 | 23 | 1520 | 668 33 |
| " " 24..... | 799 | 800 | 324 00 | 368 16 | 18 | 8 | 23 | 1599 | 692 16 |
| | 3002 | 3165 | $1296 00 | $1460 49 | 72 | 32 | 92 | 6167 | $2756 49 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Oct. 1..... | 756 | 800 | $324 00 | $374 00 | 18 | 8 | 23 | 1556 | $698 00 |
| " " 8..... | 735 | 800 | 324 00 | 369 00 | 18 | 8 | 23 | 1535 | 693 00 |
| " " 15..... | 736 | 800 | 324 00 | 372 33 | 18 | 8 | 23 | 1536 | 696 33 |
| " " 22..... | 728 | 800 | 324 00 | 368 16 | 18 | 8 | 23 | 1528 | 692 16 |
| " " 29..... | 753 | 780 | 324 00 | 350 00 | 18 | 8 | 23 | 1533 | 674 00 |
| | 3708 | 3980 | $1620 00 | $1833 49 | 90 | 40 | 115 | 7688 | $3453 49 |
| Week ending Nov. 5..... | 767 | 840 | 324 00 | $369 00 | 18 | 8 | 23 | 1607 | $693 00 |
| " " 12..... | 741 | 840 | 324 00 | 374 00 | 18 | 8 | 23 | 1581 | 698 00 |
| " " 19..... | 732 | 750 | 324 00 | 327 50 | 18 | 8 | 23 | 1482 | 651 50 |
| " " 26..... | 723 | 800 | 324 00 | 374 00 | 18 | 8 | 23 | 1523 | 698 00 |
| | 2963 | 3230 | $1296 00 | $1444 50 | 72 | 32 | 92 | 6193 | $2740 50 |
| Week ending Dec. 3..... | 743 | 800 | $324 00 | $381 50 | 18 | 8 | 25 | 1543 | $705 50 |
| " " 10..... | 726 | 800 | 324 00 | 400 66 | 18 | 8 | 26 | 1526 | 724 66 |
| " " 17..... | 766 | 900 | 324 00 | 419 00 | 18 | 9 | 27 | 1666 | 743 00 |
| " " 24..... | 788 | 945 | 324 00 | 418 66 | 18 | 9 | 27 | 1733 | 742 66 |
| " " 31..... | 772 | 985 | 324 00 | 410 66 | 18 | 9 | 27 | 1757 | 734 66 |
| | 3795 | 4430 | $1620 00 | $2030 48 | 90 | 45 | 132 | 8225 | $3650 48 |

TABLE A.—Continued.

| SECOND DISTRICT. GEO. E. McCAULEY, Sup't | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Jan. 3..... | 635 | 864 | $432 00 | $340 33 | 24 | 9 | 18 | 1499 | $772 33 |
| " " 10..... | 673 | 918 | 432 00 | 340 33 | 24 | 9 | 18 | 1591 | 772 33 |
| " " 17..... | 666 | 846 | 432 00 | 325 33 | 24 | 9 | 18 | 1512 | 757 33 |
| " " 24..... | 645 | 890 | 432 00 | 321 15 | 24 | 9 | 18 | 1535 | 753 15 |
| " " 31..... | 647 | 1087 | 432 00 | 339 50 | 24 | 9 | 18 | 1734 | 771 50 |
| | 3266 | 4605 | $2160 00 | $1666 64 | 120 | 45 | 90 | 7871 | $3826 64 |
| Week ending Feb. 7..... | 657 | 1035 | $432 00 | $317 64 | 24 | 9 | 18 | 1692 | $749 64 |
| " " 14..... | 678 | 1108 | 432 00 | 338 66 | 24 | 9 | 18 | 1786 | 770 66 |
| " " 21..... | 666 | 1067 | 432 00 | 341 50 | 24 | 9 | 18 | 1733 | 773 50 |
| " " 28..... | 685 | 1155 | 432 00 | 330 33 | 24 | 9 | 18 | 1840 | 762 33 |
| | 2686 | 4365 | $1728 00 | $1328 13 | 96 | 36 | 72 | 7051 | $3056 13 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending March 6..... | 653 | 1135 | $432 00 | $324 82 | 24 | 9 | 18 | 1788 | $756 82 |
| " " 13..... | 667 | 1150 | 432 00 | 342 00 | 24 | 9 | 18 | 1817 | 774 00 |
| " " 20..... | 624 | 974 | 432 00 | 307 17 | 24 | 9 | 18 | 1598 | 739 17 |
| " " 27..... | 625 | 900 | 432 00 | 251 41 | 24 | 9 | 18 | 1525 | 683 41 |
| | 2569 | 4159 | $1728 00 | $1225 40 | 96 | 36 | 72 | 6728 | $2953 40 |
| Week ending April 3..... | 631 | 1055 | $432 00 | $321 84 | 24 | 9 | 18 | 1686 | $753 84 |
| " " 10..... | 632 | 1095 | 432 00 | 338 82 | 24 | 9 | 18 | 1727 | 770 82 |
| " " 17..... | 623 | 1095 | 432 00 | 326 33 | 24 | 9 | 18 | 1718 | 758 33 |
| " " 24..... | 620 | 1105 | 426 00 | 337 83 | 24 | 9 | 18 | 1725 | 763 83 |
| | 2506 | 4350 | $1722 00 | $1324 82 | 96 | 36 | 72 | 6856 | $3046 82 |
| Week ending May 1..... | 600 | 1075 | $432 00 | $330 50 | 24 | 9 | 18 | 1675 | $762 50 |
| " " 8..... | 643 | 1075 | 432 00 | 341 17 | 24 | 9 | 18 | 1718 | 773 17 |
| " " 15..... | 647 | 1040 | 432 00 | 327 99 | 24 | 9 | 18 | 1687 | 759 99 |
| " " 22..... | 600 | 1040 | 432 00 | 331 66 | 24 | 9 | 18 | 1640 | 763 66 |
| " " 29..... | 573 | 941 | 432 00 | 296 94 | 24 | 9 | 18 | 1514 | 728 94 |
| | 3063 | 5171 | $2160 00 | $1628 26 | 120 | 45 | 90 | 8234 | $3788 26 |

TABLE A.—Continued.

| SECOND DISTRICT. — GEO. E. McCAULEY, Sup't | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending June 5..... | 578 | 1005 | $432 00 | $342 00 | 24 | 9 | 18 | 1583 | $774 00 |
| " " 12 ..... | 525 | 1060 | 432 00 | 332 51 | 24 | 9 | 18 | 1585 | 764 51 |
| " " 19..... | 441 | 1110 | 432 00 | 327 99 | 24 | 9 | 18 | 1551 | 759 99 |
| " " 26..... .. | 434 | 1195 | 420 00 | 337 83 | 24 | 9 | 18 | 1629 | 757 83 |
| | 1978 | 4370 | $1716 00 | $1340 33 | 96 | 36 | 72 | 6348 | $3056 33 |
| Week ending July 3..... | 432 | 1130 | $432 00 | $335 32 | 24 | 9 | 18 | 1562 | $767 32 |
| " " 10..... | 422 | 1115 | 432 00 | 336 99 | 24 | 9 | 18 | 1537 | 768 99 |
| " " 17..... | 477 | 1175 | 432 00 | 323 16 | 24 | 9 | 18 | 1652 | 755 16 |
| " " 24..... | 477 | 1165 | 432 00 | 334 51 | 24 | 9 | 18 | 1642 | 766 51 |
| " " 31..... | 486 | 1080 | 432 00 | 338 67 | 24 | 9 | 18 | 1566 | 770 67 |
| | 2294 | 5665 | $2160 00 | $1668 65 | 120 | 45 | 90 | 7959 | $3828 65 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending August 7..... | 485 | 1185 | $432 00 | $324 65 | 24 | 10 | 18 | 1670 | $774 65 |
| " " 14..... | 527 | 1150 | 432 00 | 357 49 | 24 | 10 | 18 | 1677 | 789 49 |
| " " 21..... | 602 | 1175 | 432 00 | 347 51 | 24 | 10 | 18 | 1777 | 779 51 |
| " " 28..... | 629 | 1185 | 432 00 | 356 17 | 24 | 10 | 18 | 1814 | 788 17 |
| | 2243 | 4695 | $1728 00 | $1403 82 | 96 | 40 | 72 | 6938 | $3131 82 |
| Week ending Sept. 4..... | 656 | 1175 | $432 00 | $358 34 | 24 | 10 | 18 | 1831 | $790 34 |
| " " 11..... | 640 | 1265 | 432 00 | 358 34 | 24 | 10 | 18 | 1905 | 790 34 |
| " " 18..... | 612 | 1310 | 429 00 | 348 33 | 24 | 10 | 18 | 1922 | 777 33 |
| " " 25..... | 594 | 1240 | 432 00 | 358 33 | 24 | 10 | 18 | 1834 | 790 33 |
| | 2502 | 4990 | $1725 00 | $1423 34 | 96 | 40 | 72 | 7492 | $3148 34 |
| Week ending Oct. 2..... | 547 | 1245 | $426 00 | $355 84 | 24 | 10 | 18 | 1792 | $781 84 |
| " " 9..... | 499 | 1135 | 447 00 | 332 82 | 25 | 9 | 18 | 1634 | 779 82 |
| " " 16..... | 467 | 1245 | 432 00 | 351 66 | 24 | 10 | 18 | 1712 | 783 66 |
| " " 23..... | 480 | 1225 | 429 00 | 352 00 | 24 | 10 | 18 | 1705 | 781 00 |
| " " 30..... | 488 | 1170 | 423 00 | 323 99 | 24 | 10 | 19 | 1658 | 746 99 |
| | 2481 | 6020 | $2157 00 | $1716 31 | 121 | 49 | 91 | 8501 | $3873 31 |

TABLE A.—Continued.

| SECOND DISTRICT. — GEO. E. McCAULEY, Sup't | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Nov. 6..... | 499 | 1280 | $432 00 | $370 00 | 24 | 10 | 19 | 1779 | $802 00 |
| " " 13..... | 422 | 1260 | 426 00 | 365 84 | 24 | 10 | 19 | 1682 | 791 84 |
| " " 20..... | 424 | 1330 | 432 00 | 376 67 | 24 | 11 | 19 | 1754 | 808 67 |
| " " 27..... | 549 | 1335 | 432 00 | 373 18 | 24 | 11 | 19 | 1884 | 805 18 |
| | 1894 | 5205 | $1722 00 | $1485 69 | 96 | 42 | 76 | 7099 | $3207 69 |
| Week ending Dec. 4..... | 590 | 1265 | $432 00 | $369 20 | 24 | 11 | 19 | 1855 | $801 20 |
| " " 11..... | 614 | 1300 | 432 00 | 384 84 | 24 | 11 | 19 | 1914 | 816 84 |
| " " 18..... | 620 | 1270 | 429 00 | 373 19 | 24 | 11 | 19 | 1890 | 802 19 |
| " " 25..... | 672 | 1250 | 432 00 | 358 33 | 24 | 11 | 19 | 1922 | 790 33 |
| " " 31..... | 729 | 1062 | 432 00 | 316 86 | 24 | 11 | 19 | 1791 | 748 86 |
| | 3225 | 6147 | $2157 00 | $1802 42 | 120 | 55 | 95 | 9372 | $3959 42 |

THIRD DISTRICT.

MICHAEL FADGEN, SUP'T.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Jan. 4..... | 672 | 1166 | $252 00 | $396 33 | 14 | 11 | 24 | 1838 | $648 33 |
| " " 11..... | 672 | 1001 | 252 00 | 400 00 | 14 | 11 | 21 | 1673 | 652 00 |
| " " 18..... | 672 | 715 | 252 00 | 348 83 | 14 | 11 | 21 | 1387 | 600 83 |
| " " 25..... | 672 | 572 | 252 00 | 365 50 | 14 | 11 | 21 | 1244 | 617 50 |
| | 2688 | 3454 | $1008 00 | $1510 66 | 56 | 44 | 87 | 6142 | $2518 66 |
| Week ending Feb. 1..... | 672 | 1210 | $252 00 | $408 00 | 14 | 11 | 21 | 1882 | $660 00 |
| " " 8..... | 672 | 1276 | 252 00 | 405 50 | 14 | 11 | 21 | 1948 | 657 50 |
| " " 15..... | 672 | 780 | 252 00 | 361 50 | 14 | 11 | 21 | 1452 | 613 50 |
| " " 22..... | 672 | 1110 | 252 00 | 391 50 | 14 | 11 | 21 | 1782 | 643 50 |
| " " 29..... | 672 | 1089 | 252 00 | 388 53 | 14 | 11 | 21 | 1761 | 640 53 |
| | 3360 | 5465 | $1260 00 | $1955 03 | 70 | 55 | 105 | 8825 | $3215 03 |
| Week ending March 7..... | 672 | 1001 | $252 00 | $388 50 | 14 | 11 | 21 | 1673 | $640 50 |
| " " 14..... | 667 | 890 | 249 00 | 386 67 | 14 | 11 | 21 | 1557 | 635 67 |
| " " 21..... | 672 | 946 | 252 00 | 394 66 | 14 | 11 | 21 | 1618 | 646 66 |
| " " 28..... | 672 | 748 | 252 00 | 360 83 | 14 | 11 | 21 | 1420 | 612 83 |
| | 2683 | 3585 | $1005 00 | $1530 66 | 56 | 44 | 84 | 6268 | $2535 66 |

TABLE A.—Continued.

| THIRD DISTRICT. — MICHAEL FADGEN, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending April 4..... | 672 | 740 | $252 00 | $401 33 | 14 | 11 | 21 | 1412 | $653 33 |
| " " 11..... | 672 | 748 | 252 00 | 403 83 | 14 | 11 | 21 | 1420 | 655 83 |
| " " 18..... | 672 | 693 | 252 00 | 387 00 | 14 | 11 | 21 | 1365 | 639 00 |
| " " 25..... | 644 | 770 | 252 00 | 408 00 | 14 | 11 | 21 | 1414 | 660 00 |
| | 2660 | 2951 | $1008 00 | $1600 16 | 56 | 44 | 84 | 5611 | $2608 16 |
| Week ending May 2..... | 644 | 748 | $252 00 | $408 00 | 14 | 11 | 21 | 1392 | $660 00 |
| " " 9..... | 626 | 748 | 252 00 | 406 34 | 14 | 11 | 21 | 1374 | 658 34 |
| " " 16..... | 626 | 748 | 252 00 | 394 33 | 14 | 11 | 21 | 1374 | 646 33 |
| " " 23..... | 686 | 737 | 252 00 | 393 50 | 14 | 11 | 21 | 1423 | 645 50 |
| " " 30..... | 686 | 598 | 252 00 | 368 00 | 14 | 11 | 21 | 1284 | 620 00 |
| | 3268 | 3579 | $1260 00 | $1970 17 | 70 | 55 | 105 | 6847 | $3230 17 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending June 6..... | 676 | 748 | $252 00 | $397 50 | 14 | 11 | 21 | 1424 | $649 50 |
| " " 13..... | 672 | 737 | 252 00 | 408 00 | 14 | 11 | 21 | 1409 | 660 00 |
| " " 20..... | 672 | 748 | 252 00 | 408 00 | 14 | 11 | 21 | 1420 | 660 00 |
| " " 27..... | 672 | 748 | 252 00 | 406 33 | 14 | 11 | 21 | 1420 | 658 33 |
| | 2692 | 2981 | $1008 00 | $1619 83 | 56 | 44 | 84 | 5673 | $2627 83 |
| Week ending July 4 ..... | 672 | 748 | $252 00 | $408 00 | 14 | 11 | 21 | 1420 | $660 00 |
| " " 11..... | 672 | 737 | 252 00 | 399 66 | 14 | 11 | 21 | 1409 | 651 66 |
| " " 18..... | 672 | 748 | 252 00 | 394 33 | 14 | 11 | 21 | 1420 | 646 33 |
| " " 25..... | 672 | 748 | 252 00 | 408 00 | 14 | 11 | 21 | 1420 | 660 00 |
| | 2688 | 2981 | $1008 00 | $1609 99 | 56 | 44 | 84 | 5669 | $2617 99 |
| Week ending August 1..... | 672 | 737 | $252 00 | $400 50 | 14 | 11 | 21 | 1409 | $652 50 |
| " " 8..... | 672 | 748 | 252 00 | 401 50 | 14 | 11 | 21 | 1420 | 653 50 |
| " " 15..... | 672 | 737 | 252 00 | 407 16 | 14 | 11 | 21 | 1409 | 659 16 |
| " " 22..... | 672 | 748 | 252 00 | 394 00 | 14 | 11 | 21 | 1420 | 646 00 |
| " " 29..... | 672 | 726 | 252 00 | 391 00 | 14 | 11 | 21 | 1398 | 643 00 |
| | 3360 | 3696 | $1260 00 | $1994 16 | 70 | 55 | 105 | 7056 | $3254 16 |

TABLE A.—Continued.

| THIRD DISTRICT. — MICHAEL FADGEN, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Sept. 5..... | 672 | 737 | $252 00 | $406 33 | 14 | 11 | 21 | 1409 | $658 33 |
| " " 12..... | 672 | 748 | 252 00 | 464 67 | 14 | 11 | 21 | 1420 | 656 67 |
| " " 19..... | 686 | 693 | 252 00 | 380 00 | 14 | 11 | 21 | 1379 | 632 00 |
| " " 26..... | 686 | 693 | 252 00 | 404 66 | 14 | 11 | 21 | 1379 | 656 66 |
| | 2716 | 2871 | $1008 00 | $1595 66 | 56 | 44 | 84 | 5587 | $2603 66 |
| Week ending Oct. 3..... | 672 | 748 | $252 00 | $406 34 | 14 | 11 | 21 | 1420 | $658 34 |
| " " 10..... | 658 | 704 | 252 00 | 407 17 | 14 | 11 | 21 | 1362 | 659 17 |
| " " 17..... | 672 | 704 | 252 00 | 392 83 | 14 | 11 | 21 | 1376 | 644 83 |
| " " 24..... | 672 | 682 | 252 00 | 405 50 | 14 | 11 | 21 | 1354 | 657 50 |
| " " 31..... | 672 | 572 | 252 00 | 366 83 | 14 | 11 | 21 | 1244 | 618 83 |
| | 3346 | 3410 | $1260 00 | $1978 67 | 70 | 55 | 105 | 6756 | $3238 67 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Nov. 7..... | 672 | 737 | $252 00 | $408 00 | 14 | 11 | 21 | 1409 | $660 00 |
| " " 14..... | 672 | 649 | 252 00 | 376 00 | 14 | 11 | 21 | 1321 | 628 00 |
| " " 21..... | 672 | 614 | 252 00 | 371 00 | 14 | 11 | 21 | 1286 | 623 00 |
| " " 28..... | 672 | 658 | 252 00 | 408 50 | 14 | 11 | 22 | 1330 | 660 50 |
| | 2688 | 2658 | $1008 00 | $1563 50 | 56 | 44 | 85 | 5346 | $2571 50 |
| Week ending Dec. 5..... | 672 | 528 | $252 00 | $387 50 | 14 | 11 | 21 | 1200 | $639 50 |
| " " 12..... | 644 | 624 | 252 00 | 381 33 | 14 | 11 | 21 | 1268 | 633 33 |
| " " 19..... | 629 | 528 | 249 00 | 352 50 | 14 | 11 | 21 | 1157 | 601 50 |
| " " 26..... | 644 | 671 | 252 00 | 395 50 | 14 | 11 | 21 | 1315 | 647 50 |
| | 2589 | 2351 | $1005 00 | $1516 83 | 56 | 44 | 84 | 4940 | $2521 83 |

TABLE A.—Continued.

| FOURTH DISTRICT. JAS. F. BUSEY, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Jan. 5 | 1238 | 1165 | $468 00 | $392 66 | 26 | 9 | 24 | 2403 | $860 66 |
| " " 12 | 1238 | 1040 | 468 00 | 381 65 | 26 | 9 | 24 | 2278 | 849 65 |
| " " 19 | 1218 | 1060 | 468 00 | 342 91 | 26 | 9 | 24 | 2278 | 810 91 |
| " " 26 | 1238 | 1040 | 468 00 | 397 32 | 26 | 9 | 24 | 2278 | 865 32 |
| | 4932 | 4305 | $1872 00 | $1514 54 | 104 | 36 | 96 | 9237 | $3386 54 |
| Week ending Feb. 2 | 1238 | 1060 | $468 00 | $402 00 | 26 | 9 | 24 | 2298 | $870 00 |
| " " 9 | 1238 | 1040 | 468 00 | 402 00 | 26 | 9 | 24 | 2278 | 870 00 |
| " " 16 | 1218 | 1060 | 468 00 | 402 00 | 26 | 9 | 24 | 2278 | 870 00 |
| " " 23 | 1238 | 1040 | 468 00 | 402 00 | 26 | 9 | 24 | 2278 | 870 00 |
| | 4932 | 4200 | $1872 00 | $1608 00 | 104 | 36 | 96 | 9132 | $3480 00 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending March 1..... | 1258 | 1060 | $468 00 | $364 44 | 26 | 9 | 24 | 2318 | $832 44 |
| " " 8..... | 1258 | 1060 | 468 00 | 385 80 | 26 | 9 | 24 | 2318 | 853 80 |
| " " 15..... | 1261 | 1060 | 486 00 | 305 12 | 27 | 9 | 24 | 2321 | 791 12 |
| " " 22..... | 1261 | 1060 | 486 00 | 338 61 | 27 | 9 | 24 | 2321 | 824 61 |
| " " 29..... | 1261 | 1080 | 486 00 | 288 56 | 27 | 9 | 24 | 2341 | 774 56 |
| | 6299 | 5320 | $2394 00 | $1682 53 | 133 | 45 | 120 | 11619 | $4076 53 |
| Week ending April 5..... | 1261 | 1080 | $486 00 | $395 46 | 27 | 9 | 24 | 2341 | $881 46 |
| " " 12..... | 1261 | 1060 | 486 00 | 362 23 | 27 | 9 | 24 | 2321 | 848 23 |
| " " 19..... | 1261 | 1040 | 486 00 | 389 94 | 27 | 9 | 24 | 2301 | 875 94 |
| " " 26..... | 1261 | 1060 | 486 00 | 398 64 | 27 | 9 | 24 | 2321 | 884 64 |
| | 5044 | 4240 | $1944 00 | $1546 27 | 108 | 36 | 96 | 9284 | $3490 27 |
| Week ending May 3..... | 1261 | 1040 | $486 00 | $402 00 | 27 | 9 | 24 | 2301 | $888 00 |
| " " 10..... | 1324 | 1040 | 486 00 | 402 00 | 27 | 9 | 24 | 2364 | 888 00 |
| " " 17..... | 1324 | 1060 | 486 00 | 367 57 | 27 | 9 | 24 | 2384 | 853 57 |
| " " 24..... | 1324 | 1060 | 486 00 | 383 40 | 27 | 9 | 24 | 2384 | 869 40 |
| " " 31..... | 1308 | 1080 | 486 00 | 325 63 | 27 | 9 | 24 | 2388 | 811 63 |
| | 6541 | 5280 | $2430 00 | $1880 60 | 135 | 45 | 120 | 11821 | $4310 60 |

TABLE A.—Continued.

| FOURTH DISTRICT. JAS. F. BUSEY, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending June 7..... | 1377 | 1080 | $486 00 | $402 00 | 27 | 9 | 24 | 2457 | $888 00 |
| " " 14..... | 1384 | 1080 | 486 00 | 402 00 | 27 | 9 | 24 | 2464 | 888 00 |
| " " 21..... | 1390 | 1080 | 486 00 | 402 00 | 27 | 9 | 24 | 2470 | 888 00 |
| " " 28..... | 1406 | 1080 | 486 00 | 402 00 | 27 | 9 | 24 | 2486 | 888 00 |
| | 5557 | 4320 | $1944 00 | $1608 00 | 108 | 36 | 96 | 9877 | $3552 00 |
| Week ending July 5..... | 1472 | 1080 | $486 00 | $376 56 | 27 | 9 | 24 | 2552 | $862 56 |
| " " 12..... | 1524 | 1080 | 486 00 | 361 57 | 27 | 9 | 24 | 2604 | 847 57 |
| " " 19..... | 1524 | 1080 | 486 00 | 402 00 | 27 | 9 | 24 | 2604 | 888 00 |
| " " 26..... | 1547 | 1080 | 486 00 | 402 00 | 27 | 9 | 24 | 2627 | 888 00 |
| | 6067 | 4320 | $1944 00 | $1542 13 | 108 | 36 | 96 | 10387 | $3486 13 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending August 2..... | 1540 | 1080 | $486 00 | $402 00 | 27 | 9 | 24 | 2620 | $888 00 |
| " " 9..... | 1580 | 1800 | 486 00 | 402 00 | 27 | 9 | 24 | 3380 | 888 00 |
| " " 16..... | 1580 | 1800 | 486 00 | 402 00 | 27 | 9 | 24 | 3380 | 888 00 |
| " " 23..... | 1624 | 1080 | 486 00 | 364 56 | 27 | 9 | 24 | 2704 | 850 56 |
| " " 30..... | 1750 | 1080 | 486 00 | 402 00 | 27 | 9 | 24 | 2830 | 888 00 |
| | 8074 | 6840 | $2430 00 | $1972 56 | 135 | 45 | 120 | 14914 | $4402 56 |
| Week ending Sept. 6..... | 1760 | 1080 | $486 00 | $402 00 | 27 | 9 | 24 | 2840 | $888 00 |
| " " 13..... | 1720 | 1080 | 486 00 | 321 32 | 27 | 9 | 24 | 2800 | 807 32 |
| " " 20..... | 1720 | 1080 | 486 00 | 386 41 | 27 | 9 | 24 | 2800 | 872 41 |
| " " 27..... | 1720 | 1180 | 486 00 | 399 48 | 27 | 9 | 24 | 2900 | 885 48 |
| | 6920 | 4420 | $1944 00 | $1509 21 | 108 | 36 | 96 | 11340 | $3453 21 |
| Week ending Oct. 4..... | 1660 | 1080 | $486 00 | $402 00 | 27 | 9 | 24 | 2740 | $888 00 |
| " " 11..... | 1460 | 1080 | 486 00 | 402 00 | 27 | 9 | 24 | 2540 | 888 00 |
| " " 18..... | 1300 | 1080 | 486 00 | 401 16 | 27 | 9 | 24 | 2380 | 887 16 |
| " " 25..... | 1405 | 1080 | 486 00 | 378 06 | 27 | 9 | 24 | 2485 | 864 06 |
| | 5825 | 4320 | $1944 00 | $1583 22 | 108 | 36 | 96 | 10145 | $3527 22 |

TABLE A —Continued.

| FOURTH DISTRICT. — JAS. F. BUSEY, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Nov. 1..... | 1409 | 1060 | $486 00 | $348 77 | 27 | 9 | 24 | 2469 | $834 77 |
| " " 8..... | 1405 | 1080 | 486 00 | 402 00 | 27 | 9 | 24 | 2485 | 888 00 |
| " " 15..... | 1405 | 1080 | 486 00 | 317 13 | 27 | 9 | 24 | 2485 | 803 13 |
| " " 22..... | 1380 | 1060 | 486 00 | 339 96 | 27 | 9 | 24 | 2440 | 825 96 |
| " " 29..... | 1342 | 1060 | 486 00 | 387 70 | 27 | 9 | 24 | 2402 | 873 70 |
| | 6941 | 5340 | $2430 00 | $1795 56 | 135 | 45 | 120 | 12281 | $4225 56 |
| Week ending Dec. 6..... | 1261 | 1080 | $486 00 | $402 00 | 27 | 9 | 24 | 2341 | $888 00 |
| " " 13..... | 1278 | 1080 | 486 00 | 401 17 | 27 | 9 | 24 | 2358 | 887 17 |
| " " 20..... | 1261 | 1060 | 486 00 | 393 86 | 27 | 9 | 24 | 2321 | 879 86 |
| " " 27..... | 1261 | 1080 | 486 00 | 402 00 | 27 | 9 | 24 | 2341 | 888 00 |
| | 5061 | 4300 | $1944 00 | $1599 03 | 108 | 36 | 96 | 9361 | $3543 03 |

## FIFTH DISTRICT.

H. LANCASTER, SUP'T.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Jan. 6..... | 818 | 875 | $450 00 | $355 00 | 25 | 10 | 20 | 1693 | $805 00 |
| " " 13..... | 836 | 704 | 450 00 | 377 50 | 25 | 10 | 20 | 1540 | 827 50 |
| " " 20..... | 838 | 804 | 450 00 | 346 00 | 25 | 10 | 20 | 1642 | 796 00 |
| " " 27..... | 876 | 805 | 450 00 | 380 00 | 25 | 10 | 20 | 1681 | 830 00 |
| | 3368 | 3188 | $1800 00 | $1458 50 | 100. | 40 | 80 | 6556 | $3258 50 |
| Week ending Feb. 3..... | 867 | 1406 | $450 00 | $380 00 | 25 | 10 | 20 | 2273 | $830 00 |
| " " 10..... | 855 | 1200 | 450 00 | 380 00 | 25 | 10 | 20 | 2055 | 830 00 |
| " " 17..... | 859 | 1018 | 444 00 | 377 00 | 25 | 10 | 20 | 1877 | 821 00 |
| " " 24..... | 844 | 702 | 450 00 | 380 00 | 25 | 10 | 20 | 1546 | 830 00 |
| | 3425 | 4326 | $1794 00 | $1517 00 | 100 | 40 | 80 | 7751 | $3311 00 |
| Week ending March 2..... | 848 | 763 | $450 00 | $352 67 | 25 | 10 | 20 | 1611 | $802 67 |
| " " 9..... | 853 | 903 | 435 00 | 385 20 | 25 | 10 | 20 | 1756 | 820 20 |
| " " 16..... | 859 | 635 | 447 00 | 357 17 | 25 | 10 | 20 | 1494 | 804 17 |
| " " 23..... | 858 | 783 | 450 00 | 365 50 | 25 | 10 | 20 | 1641 | 815 50 |
| " " 30..... | 826 | 625 | 450 00 | 307 67 | 25 | 10 | 20 | 1451 | 757 67 |
| | 4244 | 3709 | $2232 00 | $1768 21 | 125 | 50 | 100 | 7953 | $4000 21 |

TABLE A.—Continued.

| FIFTH DISTRICT. — H. LANCASTER, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending April 6..... | 826 | 707 | $450 00 | $380 00 | 25 | 10 | 20 | 1533 | $830 00 |
| " " 13..... | 802 | 698 | 450 00 | 377 00 | 25 | 10 | 20 | 1500 | 827 00 |
| " " 20..... | 796 | 704 | 450 00 | 380 00 | 25 | 10 | 20 | 1500 | 830 00 |
| " " 27..... | 803 | 648 | 450 00 | 380 00 | 25 | 10 | 20 | 1451 | 830 00 |
| | 3227 | 2757 | $1800 00 | $1517 00 | 100 | 40 | 80 | 5984 | $3317 00 |
| Week ending May 4..... | 792 | 804 | $450 00 | $380 00 | 25 | 10 | 20 | 1596 | $830 00 |
| " " 11..... | 753 | 703 | 450 00 | 380 00 | 25 | 10 | 20 | 1456 | 830 00 |
| " " 18..... | 796 | 702 | 450 00 | 380 00 | 25 | 10 | 20 | 1498 | 830 00 |
| " " 25..... | 794 | 906 | 450 00 | 380 00 | 25 | 10 | 20 | 1700 | 830 00 |
| | 3135 | 3115 | $1800 00 | $1520 00 | 100 | 40 | 80 | 6250 | $3320 00 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending June 1..... | 777 | 625 | $450 00 | $339 17 | 25 | 10 | 20 | 1402 | $789 17 |
| " " 8..... | 756 | 604 | 450 00 | 380 00 | 25 | 10 | 20 | 1360 | 830 00 |
| " " 15..... | 717 | 703 | 450 00 | 380 00 | 25 | 10 | 20 | 1420 | 830 00 |
| " " 22..... | 725 | 606 | 447 00 | 380 00 | 25 | 10 | 20 | 1331 | 827 00 |
| " " 29..... | 718 | 704 | 450 00 | 380 00 | 25 | 10 | 20 | 1422 | 830 00 |
| | 3693 | 3242 | $2247 00 | $1859 17 | 125 | 50 | 100 | 6935 | $4106 17 |
| Week ending July 6 ..... | 718 | 703 | $450 00 | $380 00 | 25 | 10 | 20 | 1421 | $830 00 |
| " " 13..... | 710 | 704 | 450 00 | 366 67 | 25 | 10 | 20 | 1414 | 816 67 |
| " " 20..... | 711 | 701 | 450 00 | 380 00 | 25 | 10 | 20 | 1415 | 830 00 |
| " " 27..... | 697 | 704 | 450 00 | 380 00 | 25 | 10 | 20 | 1401 | 830 00 |
| | 2836 | 2815 | $1800 00 | $1506 67 | 100 | 40 | 80 | 5651 | $3306 67 |
| Week ending August 3..... | 693 | 603 | $450 00 | $390 00 | 25 | 10 | 21 | 1296 | $840 00 |
| " " 10..... | 709 | 803 | 450 00 | 380 00 | 25 | 10 | 21 | 1512 | 830 00 |
| " " 17..... | 711 | 807 | 450 00 | 359 16 | 25 | 10 | 21 | 1518 | 809 16 |
| " " 24..... | 711 | 855 | 450 00 | 362 34 | 25 | 10 | 21 | 1566 | 812 34 |
| " " 31..... | 684 | 703 | 450 00 | 390 00 | 25 | 10 | 21 | 1387 | 840 00 |
| | 3508 | 3771 | $2250 00 | $1881 50 | 125 | 50 | 105 | 7379 | $4131 50 |

TABLE A.—Continued.

| FIFTH DISTRICT. H. LANCASTER, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c, Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Sept. 7..... | 706 | 604 | $450 00 | $385 00 | 25 | 10 | 21 | 1310 | $835 00 |
| " " 14..... | 733 | 620 | 450 00 | 338 67 | 25 | 10 | 21 | 1353 | 788 67 |
| " " 21..... | 702 | 704 | 450 00 | 382 50 | 25 | 10 | 21 | 1406 | 832 50 |
| " " 28..... | 744 | 607 | 450 00 | 390 00 | 25 | 10 | 21 | 1351 | 840 00 |
| | 2885 | 2535 | $1800 00 | $1496 17 | 100 | 40 | 84 | 5420 | $3296 17 |
| Week ending Oct. 5..... | 950 | 805 | $450 00 | $387 50 | 25 | 10 | 21 | 1755 | $837 50 |
| " " 12..... | 763 | 706 | 450 00 | 390 00 | 25 | 10 | 21 | 1469 | 840 00 |
| " " 19..... | 779 | 709 | 450 00 | 390 00 | 25 | 10 | 21 | 1488 | 840 00 |
| " " 26..... | 790 | 740 | 450 00 | 358 67 | 25 | 10 | 21 | 1530 | 808 67 |
| | 3282 | 2960 | $1800 00 | $1526 17 | 100 | 40 | 84 | 6242 | $3326 17 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Nov. 2..... | 786 | 703 | $450 00 | $384 16 | 25 | 10 | 21 | 1489 | $834 16 |
| " " 9..... | 792 | 703 | 450 00 | 390 00 | 25 | 10 | 21 | 1495 | 840 00 |
| " " 16..... | 733 | 606 | 450 00 | 366 50 | 25 | 10 | 21 | 1339 | 816 50 |
| " " 23..... | 831 | 670 | 450 00 | 347 83 | 25 | 10 | 21 | 1501 | 797 83 |
| " " 30..... | 814 | 604 | 450 00 | 342 17 | 25 | 10 | 21 | 1418 | 792 17 |
| | 3956 | 3286 | $2250 50 | $1830 66 | 125 | 50 | 105 | 7242 | $4080 66 |
| Week ending Dec. 7..... | 829 | 704 | $450 00 | $385 83 | 25 | 10 | 21 | 1533 | $835 83 |
| " " 14..... | 843 | 707 | 450 00 | 387 50 | 25 | 10 | 21 | 1550 | 837 50 |
| " " 21..... | 847 | 604 | 450 00 | 387 50 | 25 | 10 | 21 | 1451 | 837 50 |
| " " 28..... | 849 | 706 | 450 00 | 390 00 | 25 | 10 | 21 | 1555 | 840 00 |
| | 3368 | 2721 | $1800 00 | $1550 83 | 100 | 40 | 84 | 6089 | $3350 83 |

TABLE A.—Continued.

| SIXTH DISTRICT<br><br>JOHN MEAGHER, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Jan. 7... .... | 1066 | 691 | $486 00 | $295 65 | 27 | 9 | 20 | 1757 | $781 65 |
| " " 14..... | 1018 | 714 | 486 00 | 289 46 | 27 | 9 | 19 | 1732 | 775 46 |
| " " 21..... | 1027 | 469 | 486 00 | 223 28 | 27 | 9 | 19 | 1496 | 709 28 |
| " " 28..... | 1069 | 850 | 486 00 | 352 00 | 27 | 9 | 19 | 1919 | 838 00 |
| | 4180 | 2724 | $1944 00 | $1160 39 | 108 | 36 | 77 | 6904 | $3104 39 |
| Week ending Feb. 4... .... | 1057 | 1051 | $486 00 | $350 50 | 27 | 9 | 19 | 2108 | $836 50 |
| " " 11..... | 1084 | 1103 | 486 00 | 334 97 | 27 | 9 | 19 | 2187 | 820 97 |
| " " 18..... | 1082 | 995 | 486 00 | 326 63 | 27 | 9 | 19 | 2077 | 812 63 |
| " " 25..... | 1063 | 1279 | 486 00 | 336 63 | 27 | 9 | 19 | 2342 | 822 63 |
| | 4286 | 4428 | $1944 00 | $1348 73 | 108 | 36 | 76 | 8714 | $3292 73 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending March 3..... | 1076 | 971 | $486 00 | $275 45 | 27 | 9 | 19 | 2047 | $761 45 |
| " " 10..... | 1095 | 1071 | 486 00 | 304 78 | 27 | 9 | 19 | 2166 | 790 78 |
| " " 17..... | 1068 | 941 | 486 00 | 269 63 | 27 | 9 | 19 | 2009 | 755 63 |
| " " 24..... | 1068 | 1025 | 486 00 | 297 60 | 27 | 9 | 19 | 2093 | 783 60 |
| " " 31..... | 1094 | 821 | 486 00 | 262 46 | 27 | 9 | 19 | 1915 | 748 46 |
| | 5401 | 4829 | $2430 00 | $1409 92 | 135 | 45 | 95 | 10230 | $3839 92 |
| Week ending April 7..... | 1107 | 1078 | $486 00 | $346 12 | 27 | 9 | 19 | 2185 | $832 12 |
| " " 14..... | 1100 | 938 | 486 00 | 315 12 | 27 | 9 | 19 | 2038 | 801 12 |
| " " 21..... | 1048 | 872 | 486 00 | 341 50 | 27 | 9 | 19 | 1920 | 827 50 |
| " " 28..... | 1026 | 1055 | 486 00 | 350 50 | 27 | 9 | 19 | 2081 | 836 50 |
| | 4281 | 3943 | $1944 00 | $1353 24 | 108 | 36 | 76 | 8224 | $3297 24 |
| Week ending May 5..... | 977 | 1072 | $486 00 | $352 00 | 27 | 9 | 19 | 2049 | $838 00 |
| " " 12..... | 983 | 1082 | 486 00 | 352 00 | 27 | 9 | 19 | 2065 | 838 00 |
| " " 19..... | 997 | 1100 | 486 00 | 332 76 | 27 | 9 | 19 | 2097 | 818 76 |
| " " 26..... | 998 | 850 | 486 00 | 282 61 | 27 | 9 | 19 | 1848 | 768 61 |
| | 3955 | 4104 | $1944 00 | $1319 37 | 108 | 36 | 76 | 8059 | $3263 37 |

TABLE A.—Continued.

| SIXTH DISTRICT. — JOHN MEAGHER, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending June 2..... | 952 | 1070 | $486 00 | $337 31 | 27 | 9 | 19 | 2022 | $823 31 |
| " " 9..... | 929 | 1024 | 486 00 | 352 00 | 27 | 9 | 19 | 1953 | 838 00 |
| " " 16..... | 938 | 1122 | 486 00 | 352 00 | 27 | 9 | 19 | 2060 | 838 00 |
| " " 23..... | 881 | 1134 | 486 00 | 352 00 | 27 | 9 | 19 | 2015 | 838 00 |
| " " 30..... | 897 | 1109 | 486 00 | 340 64 | 27 | 9 | 19 | 2006 | 826 64 |
| | 4597 | 5459 | $2430 00 | $1733 95 | 135 | 45 | 95 | 10056 | $4163 95 |
| Week ending July 7..... | 905 | 1034 | $486 00 | $352 00 | 27 | 9 | 19 | 1939 | $838 00 |
| " " 14..... | 887 | 1127 | 486 00 | 324 62 | 27 | 9 | 19 | 2014 | 810 62 |
| " " 21..... | 857 | 1133 | 486 00 | 352 00 | 27 | 9 | 19 | 1990 | 838 00 |
| " " 28..... | 943 | 1135 | 486 00 | 352 00 | 27 | 9 | 19 | 2078 | 838 00 |
| | 3592 | 4429 | $1944 00 | $1380 62 | 108 | 36 | 76 | 8021 | $3324 62 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending August 4..... | 859 | 1136 | $486 00 | $352 00 | 27 | 9 | 19 | 1995 | $838 00 |
| " " 11..... | 887 | 1106 | 486 00 | 344 50 | 27 | 9 | 19 | 1993 | 830 50 |
| " " 18..... | 856 | 1077 | 486 00 | 341 50 | 27 | 9 | 19 | 1933 | 827 50 |
| " " 25..... | 840 | 909 | 486 00 | 313 96 | 27 | 9 | 19 | 1749 | 799 96 |
| " " 31..... | 837 | 1127 | 486 00 | 352 00 | 27 | 9 | 19 | 1964 | 838 00 |
| | 4279 | 5355 | $2430 00 | $1703 96 | 135 | 45 | 95 | 9634 | $4133 96 |
| Week ending Sept. 8..... | 902 | 1146 | $486 00 | $352 00 | 27 | 9 | 19 | 2048 | $838 00 |
| " " 15..... | 911 | 1027 | 486 00 | 308 78 | 27 | 9 | 19 | 1938 | 794 78 |
| " " 22..... | 897 | 1077 | 486 00 | 328 41 | 27 | 9 | 19 | 1974 | 814 41 |
| " " 29..... | 919 | 1127 | 486 00 | 352 00 | 27 | 9 | 19 | 2046 | 838 00 |
| | 3629 | 4377 | $1944 00 | $1341 19 | 108 | 36 | 76 | 8006 | $3285 19 |
| Week ending Oct. 6..... | 917 | 1140 | $486 00 | $352 00 | 27 | 9 | 19 | 2057 | $838 00 |
| " " 13..... | 963 | 1117 | 486 00 | 352 00 | 27 | 9 | 19 | 2080 | 838 00 |
| " " 20..... | 1021 | 1130 | 486 00 | 352 00 | 27 | 9 | 19 | 2151 | 838 00 |
| " " 27..... | 1041 | 1014 | 486 00 | 304 79 | 27 | 9 | 19 | 2055 | 790 79 |
| | 3942 | 4401 | $1944 00 | $1360 79 | 108 | 36 | 76 | 8343 | $3304 79 |

TABLE A.—Continued.

| SIXTH DISTRICT. JOHN MEAGHER, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Nov. 3..... | 1069 | 1198 | $486 00 | $358 00 | 27 | 10 | 22 | 2267 | $844 00 |
| " " 10..... | 1016 | 1238 | 486 00 | 367 00 | 27 | 10 | 21 | 2248 | 853 00 |
| " " 17..... | 1031 | 1135 | 486 00 | 329 61 | 27 | 10 | 21 | 2166 | 815 61 |
| " " 24..... | 1016 | 1138 | 486 00 | 360 63 | 27 | 10 | 21 | 2154 | 846 63 |
| | 4126 | 4709 | $1944 00 | $1415 24 | 108 | 40 | 85 | 8835 | $3359 24 |
| Week ending Dec. 1..... | 1081 | 1068 | $486 00 | $332 43 | 27 | 10 | 21 | 2149 | $818 43 |
| " " 8..... | 1114 | 1243 | 486 00 | 387 49 | 27 | 10 | 21 | 2357 | 873 49 |
| " " 15..... | 1122 | 1248 | 486 00 | 384 13 | 27 | 10 | 21 | 2370 | 870 13 |
| " " 22..... | 1113 | 1098 | 486 00 | 341 42 | 27 | 10 | 21 | 2211 | 827 42 |
| " " 29..... | 1128 | 1152 | 486 00 | 349 91 | 27 | 10 | 21 | 2280 | 835 91 |
| | 5558 | 5809 | $2430 00 | $1795 38 | 135 | 50 | 105 | 11367 | $4225 38 |

TABLE B.

Report of Work done in the Department of Street Cleaning for each Month of the Year, ending December 31st, 1888, and amount expended for Dumps, Tools and Incidentals; also total amount of receipts for Refuse, &c.

| MONTH ENDING | Total No. of Loads of Garbage collected and removed. | Total No. Loads Street Dirt, Sand, Snow, Ice, &c., col. and removed. | Cost of Collecting and removing Garbage. | Cost of Collecting and removing Street Dirt Sand, Ice, Snow, &c. | Cost of the several Dumps. | Expenditures for Tools, Incidentals, &c. | Number of Garbage Carts employed. | Number of Street Carts employed. | Number of Scrapers and Sweepers employed. | Total Number of Loads of all kinds removed. | Total expenditures for work done in Street and Garbage Department. | Total amount of money received and paid to Comptroller. | Paid to M. W. Adams for removal of Garbage. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January ... | 21,510 | 21,783 | $10,080 00 | $ 8,805 97 | $396 00 | $ 58 67 | 134 | 56 | 125 | 43,293 | $19,340 64 | $327 40 | $4,500 00 |
| February .. | 21,950 | 27,536 | 9,894 00 | 9,239 55 | 380 66 | 154 35 | 134 | 56 | 125 | 49,486 | 19,668 56 | 117 00 | ..... |
| March ..... | 24,526 | 25,518 | 11,085 00 | 9,054 41 | 391 34 | 90 20 | 135 | 56 | 125 | 50,044 | 20,620 95 | 21 05 | ..... |
| April ..... | 21,782 | 21,841 | 10,038 00 | 9,102 82 | 384 00 | 128 97 | 135 | 56 | 125 | 43,623 | 19,653 79 | 247 60 | 2,250 00 |
| May. ..... | 23,014 | 24,249 | 10,890 00 | 9,762 72 | 389 34 | 646 85 | 135 | 56 | 125 | 47,263 | 21,688 91 | 49 80 | ..... ... |
| June ..... | 21,377 | 23,287 | 10,641 00 | 9,604 28 | 398 00 | 115 05 | 135 | 56 | 125 | 44,664 | 20,758 33 | 92 10 | ..... |
| July. ..... | 21,059 | 24,130 | 10,476 00 | 9,561 38 | 392 66 | 142 62 | 135 | 56 | 125 | 45,189 | 20,572 66 | 300 00 | 2,250 00 |
| August..... | 23,278 | 26,387 | 10,710 00 | 10,020 83 | 394 68 | 115 45 | 135 | 57 | 126 | 49,665 | 21,240 96 | 69 50 | ..... |
| September.. | 22,868 | 23,543 | 10,401 00 | 9,239 39 | 389 00 | 94 35 | 135 | 57 | 126 | 46,411 | 20,123 74 | ..... | ..... |
| October.... | 22,584 | 25,091 | 10,725 00 | 9,998 65 | 389 34 | 100 31 | 135 | 57 | 126 | 47,675 | 21,213 30 | 362 35 | ..... |
| November.. | 22,568 | 24,428 | 10,650 00 | 9,535 15 | 398 00 | 163 55 | 135 | 58 | 129 | 46,996 | 20,746 70 | 159 00 | ..... |
| December.. | 23,596 | 25,758 | 10,956 00 | 10,294 97 | 392 66 | 113 12 | 135 | 59 | 132 | 49,354 | 21,756 75 | 172 70 | ..... |
| | 270,112 | 293,551 | $126,546 00 | $114,220 12 | $4,695 68 | $1,923 49 | | | | 563,663 | $247,385 29 | $1,918 50 | $9,000 00 |

TABLE C.

RECAPITULATION.

| | |
|---|---|
| Total number of loads of garbage and ashes collected and removed, from January 1st to December 31st, 1888, inclusive | 270,112 |
| Total number of loads of street dirt, sand, snow, ice, &c., collected and removed, from January 1st to December 31st, 1888, inclusive | 293,551 |
| Total number of loads of all kinds removed during the twelve months ending December 31st, 1888 | 563,663 |

TABLE C--Concluded.

| | | |
|---|---|---|
| Total amount paid for collecting and removing garbage and ashes, from January 1st to December 31st, 1888, inclusive | $126,546 00 | |
| Total amount paid for collecting and removing street dirt, sand, &c., from January 1st to December 31st, 1888, inclusive | 114,220 12 | |
| | | $240,766 12 |
| Amount of money received for refuse, from January 1st to December 31st. 1888, and paid to Comptroller | $1,918 50 | |

## TABLE D.

Showing the amount of Animal and Vegetable Garbage delivered to Contractors at Winans' Cove and Canton Dumps.

| 1888. MONTHS. | CANTON DUMP. | No. of Loads. |
|---|---|---|
| January | John Holdefer, Sup't | 568 |
| February | " " | 563 |
| March | " " | 704 |
| April | " " | 464 |
| May | " " | 997 |
| June | " " | 1592 |
| July | " " | 1591 |
| August | " " | 2321 |
| September | " " | 3204 |
| October | " " | 1308 |
| November | " " | 707 |
| December | " " | 710 |
| | | 14729 |

TABLE D—Concluded.

| 1888. MONTHS. | WINANS' COVE DUMP. | No. of Loads. | TOTAL. |
|---|---|---|---|
| January | L. S. Fefel, Sup't | 760 | 1328 |
| February | " " | 724 | 1287 |
| March | " " | 910 | 1614 |
| April | " " | 736 | 1200 |
| May | " " | 1702 | 2699 |
| June | " " | 3787 | 5379 |
| July | " " | 2922 | 4513 |
| August | " " | 4603 | 6924 |
| September | " " | 4493 | 7697 |
| October | " " | 2109 | 3417 |
| November | " " | 1136 | 1843 |
| December | " " | 1295 | 2005 |
| | | 25177 | 39906 |

TABLE E.

Showing Disbursements for year ending December 31st, 1888.

| | |
|---|---|
| Total amount expended for collecting and removing garbage, ashes, street dirt, &c., from January 1st to December 31st, 1888 | $240,766 12 |
| Amount expended for dumps, from January 1st to December 31st, 1888 | 4,695 68 |
| Amount expended for salaries, from January 1st to December 31st, 1888 | 8,999 64 |
| Amount expended for tools, from January 1st to December 31st, 1888 | 1,923 49 |
| Paid M. W. Adams for removal of garbage | 9,000 00 |
| | $265,384 93 |

TABLE E—Concluded.

| | |
|---|---|
| Amount of appropriation for the Department of Street Cleaning for the year 1888 | $265,390 00 |
| Amount of appropriation expended | 265,384 93 |
| Unexpended balance | $5 07 |

## TABLE F.

Showing amount expended for removal of Garbage, Street Dirt, &c., in the City annex, and salary of Superintendent.

| SEVENTH DISTRICT. — JOSEPH McGEE, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending June 9..... | 360 | ..... | $198 00 | ..... | 11 | ..... | ..... | 360 | $198 00 |
| " " 16..... | 329 | ..... | 198 00 | ..... | 11 | .... | ..... | 329 | 198 00 |
| " " 23..... | 379 | 150 | 198 00 | 63 30 | 11 | 10 | 20 | 529 | 261 30 |
| " " 30..... | 343 | 150 | 198 00 | 61 63 | 11 | 10 | 20 | 493 | 259 63 |
| | 1411 | 300 | $792 00 | $124 93 | 44 | 20 | 40 | 1711 | $916 93 |
| Week ending July 7..... | 292 | ..... | $198 00 | ..... | 11 | ..... | ..... | 292 | $198 00 |
| " " 14..... | 302 | ..... | 198 00 | ..... | 11 | ..... | ..... | 302 | 198 00 |
| " " 21..... | 340 | ..... | 198 00 | 24 00 | 11 | 1 | 3 | 340 | 222 00 |
| " " 28..... | 330 | 47 | 198 00 | 63 00 | 11 | 1 | 3 | 377 | 261 00 |
| | 1264 | 47 | $792 00 | $87 00 | 44 | 2 | 6 | 1311 | $879 00 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Week ending August 4..... | 341 | 56 | $198 00 | $48 00 | 11 | 1 | 3 | 397 | $246 00 |
| " " 11..... | 356 | 69 | 198 00 | 48 00 | 11 | 1 | 3 | 425 | 246 00 |
| " " 18..... | 343 | 56 | 198 00 | 48 00 | 11 | 1 | 3 | 399 | 246 00 |
| " " 25..... | 372 | 50 | 198 00 | 43 98 | 11 | 1 | 3 | 422 | 241 98 |
| " " 31..... | 377 | 58 | 198 00 | 61 33 | 11 | 1 | 3 | 435 | 259 33 |
| | 1789 | 289 | $990 00 | $249 31 | 55 | 5 | 15 | 2078 | $1239 31 |
| Week ending Sept. 8..... | 350 | 62 | $198 00 | $46 33 | 11 | 1 | 3 | 412 | $244 33 |
| " " 15..... | 341 | 42 | 198 00 | 31 80 | 11 | 1 | 3 | 383 | 229 80 |
| " " 22..... | 382 | 45 | 198 00 | 45 48 | 11 | 1 | 3 | 427 | 243 48 |
| " " 29..... | 374 | 44 | 198 00 | 63 00 | 11 | 1 | 3 | 418 | 261 00 |
| | 1447 | 193 | $792 00 | $186 61 | 44 | 4 | 12 | 1640 | $978 61 |
| Week ending Oct. 6..... | 376 | 50 | $198 00 | $48 00 | 11 | 1 | 3 | 426 | $246 00 |
| " " 13..... | 367 | 45 | 198 00 | 48 00 | 11 | 1 | 3 | 412 | 246 00 |
| " " 20..... | 350 | 40 | 198 00 | 48 00 | 11 | 1 | 3 | 390 | 246 00 |
| " " 27..... | 360 | 58 | 198 00 | 54 99 | 11 | 1 | 3 | 418 | 252 99 |
| | 1453 | 198 | $792 00 | $198 99 | 44 | 4 | 12 | 1646 | $990 99 |

TABLE F.—Continued.

| SEVENTH DISTRICT. — JOSEPH McGEE, Sup't. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditures. |
|---|---|---|---|---|---|---|---|---|---|
| Week ending Nov. 3..... | 365 | 45 | $198 00 | $36 00 | 11 | 1 | 3 | 410 | $234 00 |
| " " 10..... | 325 | 50 | 198 00 | 48 00 | 11 | 1 | 3 | 375 | 246 00 |
| " " 17..... | 321 | 38 | 198 00 | 36 00 | 11 | 1 | 3 | 359 | 234 00 |
| " " 24..... | 346 | 58 | 198 00 | 54 99 | 11 | 1 | 3 | 404 | 252 99 |
| | 1357 | 191 | $792 00 | $174 99 | 44 | 4 | 12 | 1548 | $966 99 |
| Week ending Dec. 1..... | 329 | 45 | $198 00 | $34 98 | 11 | 1 | 3 | 374 | $232 98 |
| " " 8..... | 332 | 56 | 198 00 | 48 00 | 11 | 1 | 3 | 388 | 246 00 |
| " " 15..... | 349 | 50 | 198 00 | 48 00 | 11 | 1 | 3 | 399 | 246 00 |
| " " 22..... | 373 | 35 | 198 00 | 34 50 | 11 | 1 | 3 | 408 | 232 50 |
| " " 29..... | 360 | 39 | 198 00 | 51 00 | 11 | 1 | 3 | 399 | 249 00 |
| | 1743 | 225 | $990 00 | $216 48 | 55 | 5 | 15 | 1968 | $1206 48 |

TABLE F—Concluded.

| | | |
|---|---|---|
| Amount expended for removing garbage and ashes from June 1st to December 31st, 1888 | $5,940 | 00 |
| Amount expended for removing street dirt, sand, &c., from June 1st to December 31st, 1888 | 1,238 | 31 |
| Salary of Superintendent from July 1st to December 31st, 1888 | 416 | 65 |
| | $7,594 | 96 |

## TABLE G.

Showing amount expended for work and tools of Special Appropriation of $5,000.00, February 7, 1888.

| Districts. | Name of Superintendent. | Garbage and Ashes Removed. | Street Dirt, Sand, &c., Removed. | Cost of Removal of Garbage. | Cost of Removal of Street Dirt, Sand, &c. | Number of Garbage Carts Employed. | Number of Street Carts Employed. | Number of Scrapers and Sweepers Employed. | Total Amount of Loads Removed. | Total Amount of Expenditure. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1st. | B. V. Kelly | ..... | 2330 | ..... | $503 16 | ..... | 14 | 50 | 2330 | $503 16 |
| 2d. | Geo. E. McCauley | ..... | 1760 | ..... | 441 67 | ..... | 12 | 34 | 1760 | 441 67 |
| 3d. | Michael Fadgen | ..... | 1078 | ..... | 483 00 | ..... | 15 | 24 | 1078 | 483 00 |
| 4th. | James F. Busey | ..... | 1440 | ..... | 385 44 | ..... | 11 | 20 | 1440 | 385 44 |
| 5th | Henry Lancaster | ..... | 1274 | ..... | 456 34 | ..... | 21 | 33 | 1274 | 456 34 |
| 6th. | John Meagher | ..... | 681 | ..... | 302 59 | ..... | 8 | 25 | 681 | 302 59 |

| | |
|---|---|
| Total amount expended for work | $2572 20 |
| " " " for tools | 79 50 |
| | $2651 70 |
| Unexpended balance | 2348 30 |
| Amount of appropriation | $5000 00 |

# ANNUAL REPORT

—OF THE—

# BOARD OF HEALTH

—OF THE—

## CITY OF BALTIMORE,

—TO THE—

## Mayor and City Council of Baltimore,

—FOR THE—

Fiscal Year Ending December 31, 1888.

# OFFICERS AND EMPLOYEES

OF THE

# Board of Health of the City and Port of Baltimore

FOR THE YEAR 1888.

---

HON. FERDINAND C. LATROBE, Mayor,
*Member ex-officio.*

JAMES A. STEUART, M. D., President,
*Commissioner of Health and Registrar.*

JAMES F. McSHANE, M. D.,
*Assistant Commissioner of Health.*

A. ROBERT CARTER, *Secretary of the Board of Health.*

SIDNEY O. HEISKELL, M. D.,
*Resident Physician at the Quarantine Hospital of the Port of Baltimore.*

GEORGE C. VANSANT, *Assistant Secretary of the Board of Health.*

JOHN W. LEE, *Inspector of Plumbing.*

V. BURGESS HINES, *Permit Clerk.*

R. T. PENNINGTON, *Nuisance Clerk.*

JOHN T. SCHROEDER, *Clerk to Registrar.*

JOHN F. DOYLE, *Recorder of Births.*

MONTGOMERY LAWRENCE,
*Assistant Permit and Assistant Registrar Clerk.*

*Sanitary Inspectors:*

JOHN M. DeGOEY,
JOHN E. DURDING,
M. J. McHENRY,
JOSEPH V. FITZPATRICK,
HENRY McKEWEN,
WALTER C. ROBERTS.

*Inspectors of Sewers:*

HENRY PAFF, *Eastern District.*
MARK F. GORMAN, *Western District.*

*Superintendents of Public Cemeteries:*

GEORGE RINEHART, *Eastern.*
GEORGE E. BROWN, *Western.*

*Night Soil Dumps:*

JAMES QUINN, *Superintendent No. 1, Foley's Wharf, Canton.*
DENNIS HEALY, *Assistant Superintendent No. 1, Foley's Wharf, Canton.*
CHARLES F. RINGGOLD, *Superintendent No. 2, Winan's Wharf.*
JOHN J. KERNAN, *Assistant Superintendent No. 2, Winan's Wharf.*

M. A. MALONEY, *Detective.*
W. H. BLONDELL, *Messenger.*

# VACCINE PHYSICIANS.

*First and Second Wards:*

N. L. DASHIELL, JR., M. D., 700 South Broadway.

*Third and Fourth Wards:*

J. H. SCHULTE, M. D., 1400 Gough street.

*Fifth and Sixth Wards:*

FRANCIS SAUER, M. D., 439 North Central avenue.

*Seventh and Eighth Wards:*

J. B. SCHWATKA, M. D., 1003 North Broadway.

*Ninth and Tenth Wards:*

J. G. WOMBLE, M. D., 307 North Paca street.

*Eleventh and Twelfth Wards:*

T. P. McCORMICK, M. D., 1421 Eutaw Place.

*Thirteenth and Fourteenth Wards:*

VERNON NORWOOD, M. D., 939 West Fayette street.

*Fifteenth and Sixteenth Wards:*

JOSEPH BLUM, M. D., 641 Columbia avenue.

*Seventeenth and Eighteenth Wards:*

HENRY STARKE, M. D., 1110 Hanover street.

*Nineteenth and Twentieth Wards:*

M. K. WARNER, M. D., 901 North Stricker street.

*Twenty-first Ward:*

J. B. MULLINS, M. D., 931 Frederick avenue, Carroll P. O.

*Twenty-second Ward:*

H. G. PRENTISS, M. D., Waverly avenue, Waverly P. O.

REPORT

— OF THE —

# Commissioner of Health.

# REPORT.

*To the Honorable the Mayor*
*and City Council of Baltimore.*

GENTLEMEN :

In laying before you the annual report of the Health Department for the year ending December 31st, 1888, I have the pleasure to state that during that period, the general health of the City has been exceptionally good. We have been free from all forms of epidemic disease ; and notwithstanding the great increase of population, (within the old City limits, as well as by the addition of the recently annexed territory, known as the Belt,) the death rate has decreased from 19.16 in 1887, to 17.87 for 1888 per 1000 of the whole population. The annexed mortuary tables show in detail the various causes of death, and it is most gratifying to observe the dimunition in the number of all preventabl diseases. Not one death in the City from small-pox, only forty-four from scarlet fever, and one hundred and eighteen from diphtheria, the three most dreaded and most fatal, as well as the most contagious diseases by which the people are afflicted.

The reduction of the annual mortality from zymotic or preventable diseases in this City, since the enforcement of the "Plumbing Ordinance," January 1st, 1884, has been very remarkable. The percentage of deaths from zymotic diseases to the total mortality from all causes, during a period of forty-eight years, (1836–1883, inclusive,) was 28.08, diminished during the past five years, (1884–1888, inclusive,) to 22.00 per cent.

SCARLET FEVER.

During a period of fifty-four (54) years, (1830–1883 inclusive,) the yearly average was two hundred and twenty-six deaths, whilst from 1884 to December 31st, 1888 (five years,) the average has been fifty-seven deaths. In 1830, with a population of eighty-one thousand, one hundred and forty-nine deaths were reported from scarlet fever, whilst in 1888, with a population of five hundred thousand, only forty-four deaths are recorded.

TYPHOID FEVER.

During a period of twenty-four years (1860–1883, inclusive,) the deaths, averaging one hundred and ninety annually, were reduced during the past five (5) years to an average of one hundred and fifty-five.

DIPHTHERIA.

During a period of seven (7) years previous to the ordinance (1877–1883, inclusive), the yearly average was four hundred and sixty-nine deaths, diminished

during the succeeding five (5) years (1884–1888, inclusive), to one hundred and forty-three deaths, there having been reported in 1882 seven hundred and seven, and in 1883 five hundred and ninety-one deaths from this terrible disease. This may well be claimed as a triumph in sanitation, demonstrating the value of good laws, diligently and strictly enforced.

I may be permitted complacently to add, that there has not occurred more than five cases of small-pox in the City of Baltimore during the past five years (all imported), and not more than two deaths.

This is due to vaccination, carefully and persistently practiced by the excellent corps of Vaccine Physicians, added to the watchfulness and diligence of our able Quarantine Physician.

Too much cannot be said to the people on this subject, and all should be convinced of the absolutely protective power of *perfectly successful* vaccination against small-pox. Those who arrogantly set themselves up as anti-vaccinationists should be regarded in every community as public enemies, and treated accordingly.

Notwithstanding the good results of our past year's experience, there are many defects in the sanitary condition of our City, that it is our bounden duty to correct at the earliest possible period of time. Prominent among these is the improvement of our storm-water sewers, most of which are defective in every particular. Constructed in bad form of improper materials, with

insufficient and irregular grades, and for the most part untrapped. Hundreds of damp or wet cellars contribute to the causes of sickness and deaths, which could be prevented by a system of drains, if the system of sewers were such as to render it possible or practicable. I trust the City Council will not delay in this important work.

The disposal of the offal of our large cities is a problem of great importance as well as most perplexing difficulty. Cremation has been urged and adopted in several places, but as yet has not proved entirely satisfactory, either from a sanitary or economic point of view. The subject is still undergoing experimental investigation at Buffalo, New York and Chicago, and we shall await the result before recommending any plan for the improvement of our present system of disposal of garbage, street dirt and night soil.

Permit me again for the third or fourth time to urge upon the City Council the adoption of an ordinance providing for the proper drainage of lots that are about to be built upon, and requiring that satisfactory evidence to that effect be furnished to the Judges of the Appeal Tax Court, before any building permit be issued to those applying for the same. There can be hardly anything more important in the interest of the public health than this plain common sense requirement. The new parts of every city are proverbially unhealthy, and for the simple reason that the greed of builders and property owners lead them to disre-

gard the consequences to the health of those who will occupy these new habitations. To live upon wet ground, with wet cellars and surroundings, is one of the maddest things that any sane people can do, and yet we see it done constantly and with the most fatal results. Those in authority cannot escape from the responsibility which rests upon them, to protect the lives and health of those who have placed them in power to legislate for the public good.

I would be failing in my duty if I did not again appeal to your Honorable Body in behalf of those who have so often and so sorely felt the need of a Morgue. In the name of the afflicted friends of the unknown dead, in the name of our efficient and zealous police force, and in the name of every reflecting citizen of Baltimore, I urge that this long felt want shall no longer be neglected and laid aside as a matter for future consideration. A city of five hundred thousand people cannot afford to be without a Morgue any more than she can to be without electric lights.

I feel ashamed of the record which shows that apparently the births in the City of Baltimore have been less than the deaths; and my shame arises, not from the fact, for it is well known that the birth rate of the City is equal to that of any other, but that the physicians of Baltimore should be so dull to comprehend the value of vital statisticts, and so indifferent to the feelings of the public, who are obliged to see in the record, that the deaths in Baltimore have exceeded the births,

and that those who attend upon such cases are so disregardful of the law and the obligation it imposes upon all who call themselves good citizens.

The report of the Assistant Commissioner of Health for the year ending 1887, fully sets forth the importance of food and milk inspection, and I refer to it with my full endorsement as to its importance for the preservation of the public health. All large cities require Food Inspectors of qualified ability, and it is due to the public that such legislation should be at once instituted and such Inspectors created. The securing of a pure article of milk alone, would go far towards the prevention of the infantile diarrhœal diseases which prevail to such a large extent during the summer season. Hundreds of deaths which are attributed to "cholera infantum" could in all probability be prevented by securing a pure article of milk for the food of these little ones, who depend solely upon it for their nourishment. Modern science has developed the fact that many diseases are transmissable from animals to man; therefore, whilst we recognize the importance of pure air and pure water for the maintenance of health, it is folly to neglect the food upon which we depend for the nourishment of our bodies.

Before closing this report I must refer to the sanitary, or I should say, unsanitary condition of many parts of the recently annexed territory, known as the "Belt." In many places it is simply abominable, and how the inhabitants of these localities have managed to exist,

in the maintenance of any kind of health, is a mystery that can only be attributed to the mercy of a kind Providence. The drainage could not be worse, and the drinking water, derived in most part from pump wells, is almost without exception polluted to the foulest degree. In one instance in the village of Woodberry, there were fifteen cases of typhoid fever surrounding the locality of one pump, from which these people all derived water for cooking and drinking. The City Water Department was fortunately able to supply them with hydrant water, and not another case occurred after this supply was procured. There is a vast amount of work to be done in these districts, and the danger increases as the population becomes more dense.

For a long time your Health Department has felt the need of a revision and improvement in the Health Ordinances of the City of Baltimore. Many of the older ordinances are useless and inoperative, so worded as to enable the offender to escape the penalties involved, rather than to secure the enforcement of the orders of the Health Department for the abatement of nuisances. I beg that you will give this your early attention.

I must again revert to the inadequate accommodation provided at Bayview Asylum for the Indigent Insane. Additional buildings are necessary, and should be at once constructed.

I cannot omit the expression of my entire satisfaction with the zeal and diligence manifested by the entire staff of employees in the Health Department.

The valuable assistance of the able Assistant Commissioner of Health cannot be too highly spoken of by me. The indefatigable and intelligent work of our model Secretary tells its own story in the elaborate and valuable mortuary tables which comprise the bulk of this report. The Registrar Clerks of Births and Deaths have done their work admirably. The clerks having charge of the other departments, as well as the Sanitary Inspectors, Vaccine Physicians, Post Mortem Examiners, in fact all down to the Messenger, have deserved my entire approbation for their orderly and respectful deportment, as well as for their attention to duty. The Commissioner of Health desires also to return his sincerely grateful thanks to the Marshal of Police, and the splendid force which he commands, for their cheerful and efficient assistance in the suppression of nuisances and the enforcement of the Health Ordinances of the City.

The estimates for the expenses of the Health Department have been based for the ensuing year upon considerations of the strictest economy, commensurate with the needs and obligations of the Health Department. The curtailment of the appropriation by the Committee of Ways and Means of the City Council last year, left the Department in the last months of the year in the most embarrassing situation. We were obliged to discharge the whole force employed in cleaning inlets and sewers, and leave unattended to many complaints concerning filthy places which brought

upon the Department and the City Government justifiable reproach and indignation from numerous tax payers.

*The following estimate is the least upon which we can accomplish our important work:*

| | |
|---|---|
| General Health | $15,000 00 |
| Nuisances and Sewers | 15,000 00 |
| Salaries | 32,300 00 |
| Quarantine Hospital | 20,000 00 |
| Post-mortems (by Ordinance) | 1,000 00 |
| Ordinance 67, approved May 9th, 1888. Contract for Removal of Packing and Canning House Refuse | 7,500 00 |
| | $90,800 00 |

CITY ANNEX.

| | |
|---|---|
| Salaries 4 Sanitary Inspectors, $500 00 each | $2,000 00 |
| " 2 Vaccine Physicians, $300 00 each | 600 00 |
| Nuisances and Sewers | 2,500 00 |
| | $5,100 00 |

Respectfully submitted,

JAMES A. STEUART, M.D.,

*Commissioner of Health and Registrar.*

# TABLES.

## TABLE A.

Vital Statistics of the City of Baltimore for the year 1888.

| | | |
|---|---|---|
| Population, estimated from police census—white, 423,782; colored, 76,561; total | | 500,343 |
| Total marriages, 4,390. Marriage-rate per 1,000 of population, 8.78 | | |
| Births reported—white males, 3,854; white females, 3,646; total whites | | 7,500 |
| Births reported—colored males, 642; colored females, 583; total colored | | 1,225 |
| Total | | 8,725 |
| Birth-rate per 1,000—white population | 17.45 | |
| " " " —colored population | 15.91 | |
| " " " —whole population | 17.45 | |
| Still-births, 694. Rate per 1,000 of population | 1.39 | |
| Total mortality—native whites, males, 2,759; females, 2,596. | | |
| " " —foreign whites, males, 819; females, 720. | | |
| " " —native colored, males, 988; females, 1,054. | | |
| Total whites, 6,894; total colored, 2,042. Total mortality | | 8,936 |
| Annual death-rate per 1,000 of population—whites | 16.26 | |
| " " " " " —colored | 26.50 | |
| Whole population | 17.87 | |
| Total deaths from Measles | | 176 |
| " " " Scarlet Fever | | 44 |
| " " " Diphtheria | | 118 |
| " " " Croup | | 98 |
| " " " Whooping Cough | | 112 |
| " " " Typhoid Fever | | 161 |
| " " " Typho-Malarial Fever | | 41 |
| " " " Cerebro-Spinal Fever | | 22 |
| " " " Phthisis Pulmonalis | | 1,151 |
| " " " Pneumonia | | 740 |
| " " " Bronchitis | | 126 |
| " " " Bright's Disease | | 173 |
| " " " Cancer | | 226 |
| " " " Heart Disease | | 404 |
| " " " Cholera Infantum | | 654 |
| " " " Cholera Morbus | | 30 |
| " " " Pernicious Anæmia | | 3 |
| " " " Illuminating Gas | | 7 |
| " " " Shock from Electric Light Wire | | 1 |

TABLE A—Concluded.

Total Deaths from Abnorma. Conditions connected with Parturition.

| | |
|---|---|
| Child-birth | 15 |
| Puerperal Fever | 16 |
| " Convulsions | 3 |
| " Metritis | 2 |
| " Peritonitis | 18 |
| " Septicæmia | 16 |
| Abortion | 4 |
| " Criminal | 2 |
| Embolism | 5 |
| Uterine Hemorrhage | 1 |
| Post Partem Hemorrhage | 7 |
| Total | 89 |

| | |
|---|---|
| Total mortality of children under five years of age | 3,881 |
| Percentage of deaths of children under five years of age to the total mortality | 43.43 |
| Total mortality of children under five years of age from diarrhœal diseases | 805 |
| Total mortality, all ages, from diarrhœal diseases | 1,028 |
| Total mortality from zymotic diseases | 1,961 |
| Per centage of deaths from zymotic diseases to the total mortality | 22.00 |

DEATHS IN PUBLIC INSTITUTIONS.

| | |
|---|---|
| Baltimore City Jail, 7; Maryland Penitentiary, 13; Hospitals and Asylums, 597; total | 617 |
| Deaths reported by City Coroners, including inquests | 446 |

AUTOPSIES MADE.

| | |
|---|---|
| Post-mortem Physician for ten lower wards, 28; Post-mortem Physician for ten upper wards, 33; total | 61 |

A. R. CARTER,
*Secretary Health Department.*

# TABLE B.

Showing the Number of Registered Voters, White and Colored in each Ward of the City of Baltimore. Also the Estimated Population, White and Colored, City Annex included.

| Wards. | White Registered Voters. | White Population. | Colored Registered Voters. | Colored Population. | Total Registered Voters, White and Colored. | Total Population White and Colored. | Wards. |
|---|---|---|---|---|---|---|---|
| 1 | 4,421 | 23,873 | 86 | 464 | 4,507 | 24,337 | 1 |
| 2 | 3,528 | 19,051 | 89 | 481 | 3,617 | 19,532 | 2 |
| 3 | 3,292 | 17,777 | 541 | 2,921 | 3,833 | 20,698 | 3 |
| 4 | 2,994 | 16,168 | 532 | 2,873 | 3,526 | 19,041 | 4 |
| 5 | 2,920 | 15,768 | 793 | 4,282 | 3,713 | 20,050 | 5 |
| 6 | 4,306 | 23,252 | 881 | 4,757 | 5,187 | 28,009 | 6 |
| 7 | 4,864 | 26,266 | 271 | 1,463 | 5,135 | 27,729 | 7 |
| 8 | 4,252 | 22,961 | 522 | 2,819 | 4,774 | 25,780 | 8 |
| 9 | 2,751 | 14,855 | 564 | 3,047 | 3,315 | 17,902 | 9 |
| 10 | 3,002 | 16,211 | 939 | 5,071 | 3,941 | 21,282 | 10 |
| 11 | 2,260 | 12,204 | 1,526 | 8,240 | 3,786 | 20,444 | 11 |
| 12 | 4,252 | 22,961 | 1,296 | 6,998 | 5,548 | 29,959 | 12 |
| 13 | 2,940 | 15,876 | 512 | 2,765 | 3,452 | 18,641 | 13 |
| 14 | 3,536 | 19,094 | 452 | 2,441 | 3,988 | 21,535 | 14 |
| 15 | 2,720 | 14,688 | 929 | 5,017 | 3,649 | 19,705 | 15 |
| 16 | 2,442 | 13,187 | 1,088 | 5,875 | 3,530 | 19,062 | 16 |
| 17 | 4,614 | 24,916 | 141 | 761 | 4,755 | 25,677 | 17 |
| 18 | 4,524 | 24,430 | 773 | 4,174 | 5,297 | 28,604 | 18 |
| 19 | 4,163 | 22,480 | 968 | 5,227 | 5,131 | 27,707 | 19 |
| 20 | 3,932 | 21,233 | 837 | 4,520 | 4,769 | 25,753 | 20 |
| 21 Annex | 2,824 | 15,250 | 148 | 799 | 2,972 | 16,049 | Annex 21 |
| 22 Annex | 3,941 | 21,281 | 290 | 1,566 | 4,231 | 22,847 | Annex 22 |
| Totals | 78,478 | 423,782 | 14,178 | 76,561 | 92,656 | 500,343 | |

## TABLE C.

Showing the Total Mortality, Total Population, and Ratio of Mortality to Population in each Ward of the City of Baltimore; also Mortality from Consumption, Pneumonia and Zymotic Diseases.

| Wards. | Total Mortality. | Total Population. | Annual Death Rate per 1,000 of Population. | Wards. | Total White Mortality. | Total White Population. | Annual Death Rate per 1,000 White Population. | Wards. | Total Colored Mortality. | Total Colored Population | Annual Death Rate per 1,000 Col'd Population. | Consumption. | Pneumonia. | Zymotic Diseases. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1..... | 471 | 24,337 | 19 63 | 1..... | 458 | 23,873 | 19.03 | 1..... | 13 | 464 | 28.00 | 48 | 31 | 139 |
| 2..... | 472 | 19,532 | 23.60 | 2..... | 444 | 19,051 | 23.37 | 2..... | 28 | 481 | 58.00 | 33 | 58 | 133 |
| 3..... | 376 | 20,698 | 17.90 | 3..... | 304 | 17,777 | 16.88 | 3..... | 72 | 2,921 | 24.00 | 45 | 20 | 61 |
| 4..... | 355 | 19,041 | 18.68 | 4..... | 270 | 16,168 | 16.88 | 4..... | 85 | 2,873 | 28.33 | 44 | 25 | 81 |
| 5..... | 350 | 20,050 | 17.50 | 5..... | 252 | 15,768 | 15.75 | 5..... | 98 | 4,282 | 24.50 | 55 | 33 | 67 |
| 6..... | 538 | 28,009 | 19 21 | 6..... | 425 | 23,252 | 18.48 | 6..... | 113 | 4,757 | 22.60 | 65 | 44 | 126 |
| 7..... | 480 | 27,729 | 17.14 | 7..... | 446 | 26,266 | 17.15 | 7..... | 34 | 1,463 | 34.00 | 65 | 29 | 114 |
| 8..... | 475 | 25,780 | 18.27 | 8..... | 393 | 22,961 | 17.04 | 8..... | 82 | 2,819 | 27.33 | 70 | 47 | 84 |
| 9..... | 388 | 17,902 | 21.55 | 9..... | 280 | 14,855 | 18.66 | 9..... | 108 | 3,047 | 36.00 | 50 | 31 | 60 |
| 10..... | 319 | 21,282 | 15.19 | 10..... | 193 | 16,211 | 12.06 | 10..... | 126 | 5,071 | 25.20 | 50 | 22 | 54 |
| 11..... | 332 | 20,444 | 16.60 | 11..... | 172 | 12,204 | 14.50 | 11..... | 160 | 8,240 | 20.00 | 51 | 23 | 50 |
| 12..... | 592 | 29,959 | 19.73 | 12..... | 437 | 22,961 | 19.00 | 12..... | 155 | 6,998 | 22.14 | 89 | 47 | 115 |
| 13..... | 361 | 18,641 | 19.00 | 13..... | 254 | 15,876 | 15.88 | 13..... | 107 | 2,765 | 35.90 | 43 | 29 | 60 |
| 14..... | 418 | 21,535 | 19.00 | 14..... | 351 | 19,094 | 18 47 | 14..... | 67 | 2,441 | 33.50 | 71 | 29 | 81 |
| 15..... | 387 | 19,705 | 19.35 | 15..... | 223 | 14,688 | 14.86 | 15..... | 164 | 5,017 | 32.80 | 63 | 35 | 85 |
| 16..... | 317 | 19,062 | 16.68 | 16..... | 190 | 13,187 | 14.62 | 16..... | 127 | 5,875 | 21.17 | 43 | 36 | 68 |
| 17..... | 459 | 25,677 | 17.65 | 17..... | 416 | 24,916 | 16.64 | 17..... | 43 | 761 | 56.50 | 48 | 59 | 121 |
| 18..... | 540 | 28,604 | 18.62 | 18.. .... | 449 | 24,430 | 18.71 | 18..... | 91 | 4,174 | 22.50 | 60 | 45 | 138 |
| 19..... | 454 | 27.707 | 16.21 | 19..... | 297 | 22,480 | 13.50 | 19..... | 157 | 5,227 | 31.40 | 58 | 39 | 97 |
| 20..... | 440 | 25,753 | 16.91 | 20..... | 282 | 21,233 | 13.43 | 20..... | 158 | 4,520 | 31.60 | 58 | 38 | 98 |
| 21, 7 Mos. | 199 | 16,049 | 20.25 | 21, 7 Mos. | 168 | 15,250 | 19.20 | 21, 7 Mos. | 31 | 799 | 66.33 | 17 | 6 | 65 |
| 22, 7 " | 213 | 22.847 | 15.87 | 22, 7 " | 190 | 21,281 | 15.52 | 22, 7 " | 23 | 1,566 | 24.90 | 25 | 14 | 64 |
| Totals.... | 8,936 | 500,343 | | Totals.... | 6,894 | 423,782 | | Totals.... | 2,042 | 76,561 | | 1,151 | 740 | 1,961 |

# TABLE D.

Showing the Relative Weekly Mortality from Consumption, White and Colored, Males and Females, as Compared with the Total Mortality from All Causes. Also for a period of Fourteen Years, 1875—1888, inclusive.

| 1888, week ending Saturday. | White Males. | White Females. | Colored Males. | Colored Females. | Weekly total Consumpt'n. | Mortality All Causes. White. | Mortality All Causes. Colored. |
|---|---|---|---|---|---|---|---|
| Jany. 7 | 9 | 4 | 1 | 2 | 16 | 126 | 27 |
| " 14 | 3 | 6 | 3 | 1 | 13 | 104 | 35 |
| " 21 | 2 | 7 | 1 | 6 | 16 | 124 | 39 |
| " 28 | 8 | 6 | 3 | 4 | 21 | 142 | 45 |
| Totals.. | 22 | 23 | 8 | 13 | 66 | 496 | 146 |
| Feby. 4 | 11 | 6 | 5 | 9 | 31 | 147 | 39 |
| " 11 | 10 | 10 | 4 | 6 | 30 | 117 | 48 |
| " 18 | 8 | 12 | 4 | 4 | 28 | 144 | 44 |
| " 25 | 8 | 10 | 4 | 1 | 23 | 137 | 35 |
| Totals.. | 37 | 38 | 17 | 20 | 112 | 545 | 166 |
| March 3 | 8 | 8 | 2 | 3 | 21 | 144 | 42 |
| " 10 | 10 | 9 | 5 | 4 | 28 | 138 | 51 |
| " 17 | 15 | 6 | 8 | 3 | 32 | 148 | 42 |
| " 24 | 10 | 15 | 6 | 6 | 37 | 153 | 55 |
| " 31 | 12 | 10 | 3 | 6 | 31 | 126 | 53 |
| Totals.. | 55 | 48 | 24 | 22 | 149 | 709 | 243 |

| 1888, week ending Saturday. | White Males. | White Females. | Colored Males. | Colored Females. | Weekly total Consumpt'n. | Mortality All Causes. White. | Mortality All Causes. Colored. |
|---|---|---|---|---|---|---|---|
| July 7 | 2 | 4 | 5 | 3 | 14 | 177 | 64 |
| " 14 | 3 | 5 | 5 | 2 | 15 | 188 | 58 |
| " 21 | 3 | 13 | 4 | 3 | 23 | 208 | 53 |
| " 28 | 13 | 4 | ..... | 2 | 19 | 169 | 50 |
| Totals.. | 21 | 26 | 14 | 10 | 71 | 742 | 225 |
| Aug. 4 | 6 | 7 | ..... | 3 | 16 | 191 | 44 |
| " 11 | 7 | 13 | 5 | 3 | 28 | 217 | 53 |
| " 18 | 6 | 14 | 2 | 1 | 23 | 182 | 42 |
| " 25 | 7 | 8 | ..... | 6 | 21 | 131 | 33 |
| Totals.. | 26 | 42 | 7 | 13 | 88 | 721 | 172 |
| Sept. 1 | 6 | 7 | 2 | 2 | 17 | 141 | 39 |
| " 8 | 4 | 5 | 1 | 4 | 14 | 143 | 34 |
| " 15 | 4 | 2 | 4 | 2 | 12 | 112 | 40 |
| " 22 | 6 | 8 | 2 | 1 | 17 | 123 | 24 |
| " 29 | 10 | 16 | 4 | 4 | 34 | 122 | 35 |
| Totals.. | 30 | 38 | 13 | 13 | 94 | 641 | 172 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| April | 7 | 5 | 8 | 5 | 5 | 23 | 110 | 52 | Oct. | 6 | 4 | 7 | 4 | 1 | 16 | 115 | 43 |
| " | 14 | 9 | 7 | 3 | 4 | 23 | 106 | 38 | " | 13 | 9 | 5 | 4 | ..... | 18 | 116 | 31 |
| " | 21 | 4 | 6 | 2 | 1 | 13 | 113 | 33 | " | 20 | 6 | 7 | 5 | 4 | 22 | 109 | 30 |
| " | 28 | 15 | 12 | 5 | 6 | 38 | 132 | 36 | " | 27 | 7 | 7 | 2 | 7 | 23 | 126 | 31 |
| Totals.. | | 33 | 33 | 15 | 16 | 97 | 461 | 159 | Totals.. | | 26 | 26 | 15 | 12 | 79 | 466 | 135 |
| May | 5 | 4 | 13 | 3 | 3 | 23 | 111 | 35 | Nov. | 3 | 11 | 11 | 2 | 5 | 29 | 118 | 34 |
| " | 12 | 9 | 3 | 1 | 3 | 16 | 113 | 31 | " | 10 | 4 | 5 | 1 | ..... | 10 | 101 | 17 |
| " | 19 | 10 | 8 | 3 | 7 | 28 | 99 | 27 | " | 17 | 5 | 11 | 4 | 3 | 23 | 97 | 41 |
| " | 26 | 7 | 6 | 7 | 2 | 22 | 97 | 31 | " | 24 | 11 | 6 | ..... | 4 | 21 | 101 | 30 |
| Totals.. | | 30 | 30 | 14 | 15 | 89 | 420 | 124 | Totals.. | | 31 | 33 | 7 | 12 | 83 | 417 | 122 |
| June | 2 | 10 | 11 | 5 | 5 | 31 | 93 | 37 | Dec. | 1 | 7 | 7 | 4 | 2 | 20 | 123 | 44 |
| " | 9 | 6 | 2 | 1 | 9 | 18 | 108 | 33 | " | 8 | 14 | 11 | 4 | 2 | 31 | 117 | 35 |
| " | 16 | 11 | 11 | 7 | 1 | 30 | 125 | 35 | " | 15 | 9 | 7 | 5 | 2 | 23 | 121 | 40 |
| " | 23 | 11 | 4 | 2 | 2 | 19 | 159 | 36 | " | 22 | 3 | 6 | 2 | 4 | 15 | 105 | 32 |
| " | 30 | 4 | 4 | 2 | 2 | 12 | 193 | 55 | " | 29 | 12 | 7 | 1 | 4 | 24 | 132 | 31 |
| Totals.. | | 42 | 32 | 17 | 19 | 110 | 678 | 196 | Totals. | | 45 | 38 | 16 | 14 | 113 | 598 | 182 |

Total White Mortality from All Causes 6,894, from Consumption 805, Ratio to Total Mortality 11.68
" Colored " " " " 2,042, " " 346, " " " 16.94

Total Combined Mortality from All Causes 8,936, from Consumption 1,151, Ratio to Total Mortality 12.88

Total Mortality for Fourteen Years 1875—1888, inclusive:

Total White Mortality from All Causes 87,635, from Consumption 11,527, Ratio to Total Mortality 13.07
" Colored " " " " 26,397, " " 4,805, " " " 18.20

Total Combined Mortality from all Causes 114,032, from Consumption 16,332, Ratio to Total Mortality 14.31

Mortality by Race and Sex for Fourteen Years 1875—1888, inclusive:

White Males from All Causes ..... 44,581, from Consumption 5,546, Ratio to Total Mortality 12.44
" Females " " " ..... 43,054, " " 5,981, " " " 13.89
Colored Males " " " ..... 12,683, " " 2,133, " " " 16.82
" Females " " " ..... 13,714, " " 2,672, " " " 17.30

Totals..... .....114,032 ..... ....16,332 ..... .....14.31

A. R. CARTER, *Sec'y Health Department.*

# REPORT

— OF THE —

# ASSISTANT COMMISSIONER OF HEALTH.

# REPORT.

BALTIMORE, January 2d, 1889.

JAMES A. STEUART, M. D.,

*President of Board of Health*
*and Commissioner of Health.*

SIR—I have the honor to submit the following report of the work performed by the Health Department for the year ending December 31st, 1888.

The annexed tables exhibit statements of the abate ment of nuisances; removal of night soil; interments in the public cemeteries; transcripts from the records of births and deaths, etc.

During the year six thousand and thirty-one (6031) cart loads of refuse were removed from sewers, inlets and covered gutters. Six hundred and ten loads of lime and twelve tons of carbolate of lime were distributed for the purposes of purification and disinfection.

Attention is again called to the necessity of providing proper traps to sewer inlets, in order to prevent the gaseous exhalations from incommoding and proving prejudicial to those who live adjacent to them. A most ingenious and excellent trapped inlet, the invention of Mr. C. P. Kahler, Assistant City Commissioner, has been placed in a few of the inlets, and provision should be made for their further introduction into all inlets in the City. From a sanitary standpoint they are unsurpassed by anything hitherto constructed for this purpose.

As will be seen by reference to the tables, privies have been the chief cause of nuisances, and I can only reiterate what has been said in former reports as to the necessity of legal enactments providing for the mode of construction and situation.

The work of the Vaccine Physicians has been performed during the past year with great care, yet I have no doubt that a large number in the community are unprotected. Several years of immunity from small-pox usually results in neglect of vaccination, as has so often been the case, until a threatened epidemic awakens the public attention; therefore I suggest that means be taken during the coming year to have every unprotected individual in the community vaccinated. This suggestion is not intended to produce unnecessary alarm, but to prevent the dissemination of small-pox should it unfortunately be introduced into our City.

As it is not possible for persons in indigent circumstances to properly provide and care for those who are suffering from acute infectious diseases, such as scarlet fever, diphtheria, and measles, it is necessary that hospital accommodations should be provided for them. As the hospitals in the City have no facilities for the treatment of such cases, it is necessary for the City to construct an inexpensive wooden building at Bayview for this purpose.

Some measures should be taken to have printed directions for the isolation of cases of acute infectious diseases, and fumigation and disinfection of houses and clothing, for distribution where cases of this character exist.

Attention is again called to the necessity of providing for the inspection of food products.

The employees of this Department are entitled to commendation for the manner in which they have performed the duties assigned them.

The thanks of this Department are due the Police Department for their co-operation.

Respectfully,

Your obedient servant,

JAMES F. McSHANE, M. D.,

*Assistant Commissioner of Health.*

# TABLES.

## TABLE. A.

Number of nuisances examined and abated by Sanitary Inspectors, during the year 1888.

| | |
|---|---|
| Alleys cleaned | 278 |
| " repaired | 221 |
| " paved | 134 |
| Premises cleaned | 162 |
| Vacant lots cleaned | 152 |
| " " drained | 57 |
| " " filled | 75 |
| Goods destroyed from infected houses | 16 |
| Manure pits constructed | 20 |
| " " reconstructed and repaired | 120 |
| " " cleaned | 89 |
| Drain pipes reconstructed and repaired | 63 |
| " " cleaned | 38 |
| " " laid | 344 |
| Yards cleaned | 217 |
| " drained | 97 |
| " repaired | 76 |
| " paved | 77 |
| Water pipes and hydrants repaired | 76 |
| Privies inspected and ordered cleaned | 1,877 |
| " reconstructed | 281 |
| " ventilated | 63 |
| Gutters repaired | 19 |
| Stables reconstructed | 19 |
| Amount carried forward | 4,571 |

TABLE A—Concluded.

| | |
|---|---|
| Amount bronght forward | 4,571 |
| Rain-spouts reconstructed | 72 |
| Ice ponds inspected and permits granted | 7 |
| Excavating establishments inspected | 82 |
| Slaughter houses inspected | 15 |
| Cases of infectious diseases inspected | 603 |
| Grass and weeds removed from gutters | 143 |
| Cellars drained or filled | 154 |
| " cleaned | 71 |
| Water closets repaired and ventilated | 145 |
| Causes of death examined | 305 |
| Steamships visited and examined | 38 |
| Mattresses destroyed from steamships | 26,306 |
| Scow loads of refuse removed from steamships and destroyed | 38 |
| Number of patients sent to hospital | 44 |
| Tenements ordered cleaned and whitewashed | 11 |
| Samples of pump-water examined | 22 |
| Complaints examined and no nuisances found to exist | 154 |
| Miscellaneous | 191 |
| Total | 32,972 |

JAMES F. McSHANE, M. D.,

*Assistant Commissioner of Health.*

## TABLE B.

Summary of Sanitary Work performed by the Police Department, showing number of notices issued in the name of the Health Department for the year ending December 31, 1888.

EASTERN DISTRICT.

| | |
|---|---|
| Number of notices issued to clean privies..... | 2,058 |

NORTHEASTERN DISTRICT.

| | |
|---|---|
| Number of notices issued to clean privies..... | 4,770 |
| Number of notices issued to clean cellars..... | 115 |
| Total..... | 4,885 |

CENTRAL DISTRICT.

| | |
|---|---|
| Number of notices issued to clean privies..... | 2,458 |
| Number of notices issued to clean cellars..... | 116 |
| Number of notices issued to clean yards..... | 300 |
| Total..... | 2,874 |

SOUTHERN DISTRICT.

| | |
|---|---|
| Number of notices issued to clean privies..... | 3,659 |

WESTERN DISTRICT.

| | |
|---|---|
| Number of notices issued to clean privies..... | 2,043 |

## TABLE B—Concluded.

NORTHWESTERN DISTRICT.

| | |
|---|---|
| Number of notices issued to clean privies..... | 3,456 |

SOUTHWESTERN DISTRICT.

| | |
|---|---|
| Number of notices issued to clean privies..... | 2,415 |
| Total number of notices issued in all the districts..... | 21,390 |

JAMES F. McSHANE, M. D.,
*Assistant Commissioner of Health.*

## TABLE C.

Number of Notices, Orders, etc., issued from the Health Department, and number of official letters written and received during the year 1888.

| | |
|---|---|
| Number of notices issued to clean privies | 1,445 |
| Number of notices issued to clean, repair, pave and repave yards | 179 |
| Number of notices issued to clean, bail, drain or fill cellars | 347 |
| Number of notices issued to clean, grade, pave and repave alleys | 989 |
| Number of notices issued to clean, drain or fill lots | 149 |
| Number of notices issued to reconstruct, ventilate and clean water-closets and privies | 258 |
| Number of notices issued to clean grass and weeds from gutters, sidewalks, streets and alleys | 93 |
| Number of notices issued to clean and properly construct manure pits and remove manure | 127 |
| Number of notices issued to clean and repair gutters | 31 |
| Number of notices issued to repair hydrants and water pipes | 33 |
| Number of notices issued to clean and reconstruct stables | 27 |
| Amount carried forward | 3,678 |

TABLE C—Concluded.

| | |
|---|---|
| Amount brought forward | 3,678 |
| Number of notices issued to construct proper drainage and repair and clean drain pipes | 143 |
| Number of notices issued to disinfect premises | 29 |
| Number of notices issued to reconstruct and repair defective plumbing | 43 |
| Miscellaneous notices | 93 |
| Total | 3,986 |
| Number of permits issued to clean privies | 47,475 |
| Number of permits issued to clean privies at night | 27 |
| Number of official letters written | 653 |
| Number of official letters received | 621 |

JAMES F. McSHANE, M. D.,
*Assistant Commissioner of Health.*

## TABLE D.

Number of interments in the Eastern and Western Public Cemeteries during the year 1888.

| EASTERN PUBLIC CEMETERY. *G. Rinehart, Superintendent.* | | WESTERN PUBLIC CEMETERY. *George E. Brown, Superintendent.* | |
|---|---|---|---|
| January | 19 | January | 24 |
| February | 15 | February | 21 |
| March | 20 | March | 22 |
| April | 24 | April | 16 |
| May | 15 | May | 13 |
| June | 16 | June | 23 |
| July | 25 | July | 34 |
| August | 16 | August | 24 |
| September | 13 | September | 18 |
| October | 16 | October | 13 |
| November | 12 | November | 16 |
| December | 16 | December | 9 |
| | 207 | | 235 |

Total number of interments during the year.. 442

JAMES F. McSHANE, M. D.,
*Assistant Commissioner of Health.*

## TABLE E.

Showing amount of Night Soil delivered at Foley's and Winans' Dumps for the year ending December 31, 1888.

| Foley's Whf., Canton. | Loads. | Gallons. | Winans' Whf., Spring Gardens. | Loads. | Gallons. |
|---|---|---|---|---|---|
| January | 303 | 60,600 | January | 1,399 | 279,800 |
| February | 254 | 50,800 | February | 1,889 | 377,800 |
| March | 371 | 74,200 | March | 2,610 | 522,000 |
| April | 1,945 | 389,000 | April | 7,605 | 1,521,000 |
| May | 1,878 | 375,600 | May | 7,575 | 1,515,000 |
| June | 1,488 | 297,600 | June | 5,637 | 1,127,400 |
| July | 1,089 | 217,800 | July | 3,902 | 780,400 |
| August | 1,025 | 205,000 | August | 4,066½ | 813,300 |
| September | 863 | 172,600 | September | 3,929 | 785,800 |
| October | 890 | 178,000 | October | 5,478 | 1,095,600 |
| November | 637 | 127,400 | November | 2,555 | 511,000 |
| December | 550 | 110,000 | December | 2,068 | 413,600 |
| Total | 11,293 | 2,258,600 | Total | 48,713½ | 9,742,700 |

Total number of loads delivered at both dumps..... 60,006½

" " of gallons " " " ..... 12,001,300

JAMES F. McSHANE, M. D.,

*Assistant Commissioner of Health.*

## TABLE F.

Transcripts from the Record of Births and Deaths for the year ending December 31, 1888.

FROM THE RECORDS OF DEATHS

| | |
|---|---|
| To claim bounty | 2 |
| For pension claims | 116 |
| " Mexican war claims | 4 |
| " life insurance claims | 115 |
| To be used as evidence in Court | 4 |
| To prove death | 13 |
| To be sent to Germany to prove death | 13 |
| " " Ireland " " | 1 |
| " " England " " | 3 |
| " " Italy " " | 3 |
| " " Switzerland " " | 1 |
| Total | 275 |

FROM THE RECORDS OF BIRTHS.

| | |
|---|---|
| To pension claims | 10 |
| To family record | 7 |
| To prove birth in Orphans' Court | 1 |
| To be sent to Germany | 1 |
| | 19 |

JAMES F. McSHANE, M. D.,

*Assistant Commissioner of Health*

## TABLE G.

Number of Dead Animals, etc, removed in the Eisteen and Western Districts during the year endiog December 31, 1888.

| EASTERN DISTRICT. *George Rinehart, Superintendent.* | | WESTERN DISTRICT. *George E. Brown, Superintendent.* | |
|---|---|---|---|
| Dogs | 3,487 | Dogs | 3,465 |
| Cats | 5,349 | Cats | 5,890 |
| Rats | 6,387 | Rats | 4,681 |
| Chickens | 4,989 | Chickens | 4,297 |
| Ducks | 387 | Ducks | 367 |
| Geese | 51 | Geese | 111 |
| Goats | 87 | Goats | 123 |
| Sheep | 11 | Sheep | 15 |
| Hogs | 9 | Calves | 7 |
| Horses | 4 | Hogs | 17 |
| Cows | 3 | Horses | 4 |
| Fish | 7,139 | Fish | 5,376 |
| Crabs | 8,411 | Crabs | 7,211 |
| Decayed meat (lbs.) | 539 | Decayed meat (lbs.) | 900 |
| Decayed eggs (doz.) | 597 | Decayed eggs (doz.) | 186 |
| Cart loads of vegetable and other offal removed from the various docks | 1,402 | | |

| | |
|---|---|
| Total number of dead animals | 29,539 |
| " " " fowls | 10,202 |
| " " " fish | 28,137 |
| " " " cart loads of vegetable and other offal removed from docks | 1,402 |
| " " " pounds of decayed meat | 1,439 |
| " " " dozens of decayed eggs | 783 |

JAMES F. McSHANE, M. D.,
*Assistant Commissioner of Health.*

# TABLE H.

Report of the Vaccine Physicians for the year ending December 31, 1888.

| Wards. | Physicians. | Offices or Residences. | Number of Calls. | Number of Vaccinations. | Primary. | Secondary. | Successful. | Failed. | Not heard from. | Males. | Females. | White. | Colored. | Re-Vaccinations. | Certificates of Vaccination given. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1st and 2d.. | N. L. Dashiell, Jr.. | 700 South Broadway | 2,744 | 789 | 406 | 383 | 522 | 104 | 163 | 426 | 363 | 773 | 16 | .. | 805 |
| 3d " 4th. | J. H. Schulte..... | 1400 Gough street... | 3,065 | 425 | 153 | 272 | 343 | 35 | 47 | 265 | 160 | 370 | 55 | .. | 211 |
| 5th " 6th. | Francis Sauer..... | 439 N. Central ave.. | 3,806 | 597 | 460 | 137 | 419 | 47 | 131 | 267 | 330 | 324 | 273 | .. | 239 |
| 7th " 8th. | J. B. Schwatka..... | 1003 N. Broadway... | 4,296 | 367 | 355 | 12 | 157 | 42 | 168 | 211 | 156 | 235 | 132 | .. | 1,391 |
| 9th " 10th. | J. G. Womble..... | 307 North Paca st... | 3,511 | 1,009 | 536 | 473 | 527 | 35 | 447 | 537 | 472 | 491 | 518 | .. | 1,076 |
| 11th " 12th. | T. P. McCormick... | 1421 Eutaw Place... | 4,879 | 388 | 369 | 19 | 345 | 17 | 26 | 183 | 205 | 139 | 249 | 13 | 120 |
| 13th " 14th. | V. L. Norwood..... | 939 West Fayette st | 4,054 | 661 | 642 | 19 | 498 | 162 | 1 | 325 | 336 | 438 | 223 | .. | 243 |
| 15th " 16th. | Joseph Blum..... | 641 Columbia ave... | 3,386 | 731 | 505 | 226 | 461 | 138 | 132 | 410 | 321 | 417 | 314 | .. | 596 |
| 17th " 18th. | Henry Stark..... | 1110 Hanover street. | 1,637 | 782 | 472 | 310 | 624 | 88 | 70 | 426 | 356 | 663 | 119 | .. | 941 |
| 19th " 20th. | M. K. Warner..... | 901 North Stricker st | 2,950 | 704 | 624 | 80 | 600 | 70 | 34 | 362 | 342 | 139 | 565 | .. | 75 |
| 21st.. | J. B. Mullins..... | 931 Frederick ave... | 1,411 | 451 | 394 | 57 | 367 | 35 | 49 | 216 | 235 | 410 | 41 | .. | 181 |
| 22d.. | H. G. Prentiss..... | 403 Waverly avenue. | 1,461 | 554 | 450 | 104 | 350 | 95 | 109 | 263 | 291 | 343 | 211 | 33 | 605 |
| Totals .... | | | 37,200 | 7,458 | 5,366 | 2,094 | 5,213 | 868 | 1,377 | 3,891 | 3,567 | 4,742 | 2,716 | 46 | 6,483 |

Total number of Calls..... 37,200
Total number of Vaccinations..... 7,458

JAMES F. McSHANE, M. D.,
*Assistant Commissioner of Health.*

# Meteorological Summary for the Year 1888,

## FROM SIGNAL SERVICE RECORDS.

### PRESSURE.

| | | | |
|---|---|---|---|
| Mean Barometer | 30.067 inches, | .002 above normal. | |
| Highest " | 30.820 " | on January 12. | |
| Lowest " | 28.940 " | on December 17. | |
| Range of " | 1.880 " | | |

### TEMPERATURE.

Mean Temperature.....53.1 degrees, 2.4 below normal.
Highest " .....95.8 " on August 16.
Lowest " ..... 9.2 " on January 22.
Mean Winter (1887 and 1888) Temperature, 33.9 degrees, .1 degree below that of 1886 and 1887, and 1.6 degrees below normal.
Mean Spring Temperature, 50.8 degrees, 2.5 degrees below normal.
" Summer " 74.1 " 1.7 " " "
" Autumn " 55.1 " 1.9 " " "

### PRECIPITATION.

Total precipitation during the year 43.53 inches, an excess of .46 inch above normal. Rain or snow fell on one hundred and seventy-nine days. The greatest monthly precipitation occurred in August (6.17 inches); the least in April (2.17 inches).

### WINDS.

Prevailing direction of wind, northwest.
Highest velocity of wind, fourty-five miles per hour, from southwest, on August 8.
Mean velocity of wind, 5.7 miles per hour.
Total movement, 50.456 miles.
Mean relative humidity, 66.6 per cent.
First heavy frost of season, October 22.
First snow of season, November 24.

C. P. CRONK, M. D.,
*Observer, Signal Service.*

# REPORT

— OF THE —

# RESIDENT PHYSICIAN

— OF THE —

# QAURANTINE HOSPITAL.

# REPORT.

*To the Honorable the Mayor*
*and City Council of Baltimore.*

GENTLEMEN :

I have the honor to herewith submit the report of the Quarantine and Pest Hospital for the year ending December 31, 1888.

Notwithstanding the fact that yellow fever has been epidemic the past summer, in the greater portion of Florida, it is most gratifying to state that not a single case was brought to this port. In fact with the exception of two cases of small-pox, the port both by land and water has been free from contagious disease.

Since the removal of the Quarantine to its present location, the Old Quarantine or Pest Hospital has been under the supervision of the Quarantine Physician. The buildings at that place, with the exception of four barracks built in 1883, are in a most dilapidated condition, and the wharf is dangerous even to walk upon. Six or seven years ago the place was so crowded that tents had to be used until barracks could be built; to-

day the only habitable buildings on the premises are those barracks, in other words the capacity of the place is less than one-half what it was then. Taking all the facts into consideration, I think it would be wise to put the Pest Hospital in condition to receive patients before the actual necessity arises. I would therefore most earnestly suggest that a committee from your Honorable Body visit and thoroughly inspect the premises to enable you to see its actual needs.

The building of the retaining wall surrounding the Quarantine grounds was continued the past summer, under the supervision of the Engineer of the Harbor Board, and was nearly completed. The grading has been finished and the slope is now set in grass, which will, I think, prevent its washing in the future.

I must again call your attention to the fact that there is no kitchen attached to the new hospital. The necessity for this important adjunct to a hospital must be apparent. In this connection, permit me to say, that the need of a room or house for the purpose of fumigating and disinfecting the clothing, &c., of persons taken from infected vessels, has been long felt. Your Honorable Body will be called upon for an appropriation to cover the erection of these most *necessary* buildings. I would also suggest the enclosing of the hospital grounds with a suitable fence, to more effectually prevent the escape of convalescent and quarantined patients.

Four hundred and fifty-seven vessels have been

boarded and inspected during the year, (see Table I.) and from these vessels we have collected and paid into the City treasury the sum of $4,019.03, (see Table II.)

Table III shows the number and class of vessels with sickness on board, or from infected or suspected ports, detained at quarantine for cleansing and disinfecting. These were only eight in all.

By referring to Table IV, you will find that fourteen patients were treated at this hospital during the year.

The cost of maintainiug the Quarantine and Pest Hospital the past year was $17,677.86, as more fully shown by the Health Commissioner's report. The appropriation for the two places was $18,000, which leaves a surplus of $322.14, which the small amount of sickness treated and clothing purchased will amply explain.

I beg to return my warmest thanks to Dr. F. R. Nordman, for his cheerful and valuable assistance, and to say that the employees of the place have performed their duties in a manner deserving the highest praise.

Very respectfully,

Your obedient servant,

SYDNEY O. HEISKELL,
*Quarantine Hospital Physician.*

# TABLES.

## TABLE I.

Showing the number and class of Vessels boarded and inspected at Quarantine during the year ending December 31, 1888.

| Months. | CLASS OF VESSELS. | | | | | |
|---|---|---|---|---|---|---|
| | Steamships. | Ships. | Barks. | Brigs. | Sloops and Schooners. | Total. |
| January .... | 11 | ..... | ..... | ..... | ..... | 11 |
| February ... | 8 | ..... | ..... | ..... | ..... | 8 |
| March ..... | 9 | ..... | 1 | ..... | ..... | 10 |
| April ..... | 9 | ..... | ..... | 1 | ..... | 10 |
| May ..... | 26 | 3 | 10 | 3 | 54 | 96 |
| June ..... | 23 | 1 | 7 | 1 | 56 | 88 |
| July ..... | 23 | 1 | 4 | 3 | 31 | 62 |
| August..... | 31 | ..... | 6 | 2 | 14 | 53 |
| September .. | 29 | 2 | 5 | 1 | 14 | 51 |
| October..... | 26 | 2 | 8 | 1 | 21 | 58 |
| November ... | 3 | ..... | ..... | ..... | ..... | 3 |
| December ... | 6 | ..... | 1 | ..... | ..... | 7 |
| Total ..... | 204 | 9 | 42 | 12 | 190 | 457 |

## TABLE II.

Showing the amount of money received and paid to the City Register for Quarantine Fees for the year ending December 31, 1888.

| Months. | Class of Vessels. | | | | | |
|---|---|---|---|---|---|---|
| | Steamships. | Ships. | Barks. | Brigs. | Sloops and Schooners. | Total. |
| January | $ 214 78 | ..... | ..... | ..... | ..... | $214 78 |
| February | 169 19 | ..... | ..... | ..... | ..... | 169 19 |
| March | 204 20 | ..... | $ 6 65 | ..... | ..... | 210 85 |
| April | 188 86 | ..... | ..... | $ 2 04 | ..... | 190 90 |
| May | 367 37 | $ 33 98 | 64 69 | 14 74 | $182 72 | 663 50 |
| June | 279 52 | 10 95 | 41 76 | 2 77 | 155 96 | 490 96 |
| July | 278 75 | 13 99 | 16 63 | 12 01 | 93 03 | 414 41 |
| August | 380 47 | ..... | 34 20 | 5 77 | 41 90 | 462 34 |
| September | 401 48 | 26 74 | 25 57 | 3 75 | 56 18 | 513 72 |
| October | 350 20 | 23 63 | 48 98 | 2 04 | 96 04 | 520 89 |
| November | 52 78 | ..... | ..... | ..... | ..... | 52 78 |
| December | 108 60 | ..... | 6 11 | ..... | ..... | 114 71 |
| Total | $2,996 20 | $109 29 | $244 59 | $43 12 | $625 83 | $4,019 03 |

## Table III.

Showing the number and class of vessels detained at Quarantine for cleansing and disinfection for the year ending December 31, 1888.

| Months. | CLASS OF VESSELS. | | | | | |
|---|---|---|---|---|---|---|
| | Steamships. | Ships. | Barks. | Brigs. | Sloops and Schooners. | Total. |
| January | ..... | ..... | ..... | ..... | ..... | ..... |
| February | ..... | ..... | ..... | ..... | ..... | ..... |
| March | ..... | ..... | ..... | ..... | ..... | ..... |
| April | 1 | ..... | ..... | ..... | ..... | 1 |
| May | ..... | ..... | ..... | ..... | ..... | ..... |
| June | 2 | ..... | 1 | ..... | ..... | 3 |
| July | 1 | ..... | ..... | ..... | ..... | 1 |
| August | 1 | ..... | ..... | ..... | ..... | 1 |
| September | 1 | ..... | ..... | ..... | ..... | 1 |
| October | ..... | ..... | ..... | ..... | 1 | 1 |
| November | ..... | ..... | ..... | ..... | ..... | ..... |
| December | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 6 | | 1 | | 1 | 8 |

## TABLE IV.

Showing the number of patients treated at the Quarantine Hospital for the year ending December 31, 1888.

| Disease. | Remaining over from 1887. | Received in 1888. | Discharged in 1888. | Died in 1888. | Remaining in Hospital. | Total. |
|---|---|---|---|---|---|---|
| Small-pox | ..... | 2 | 1 | 1 | ..... | 2 |
| Varicella | ..... | 1 | 1 | ..... | ..... | 1 |
| Diphtheria | ..... | 1 | 1 | ..... | ..... | 1 |
| Syphilis | ..... | 1 | 1 | ..... | ..... | 1 |
| Mumps | ..... | 1 | 1 | ..... | ..... | 1 |
| Chagres Fever | ..... | 1 | 1 | ..... | ..... | 1 |
| Quarantined | ..... | 7 | 7 | ..... | ..... | 7 |
| Total | | 14 | 13 | 1 | | 14 |

# REPORT

— OF THE —

# Inspector of Plumbing.

# REPORT.

BALTIMORE, January 1, 1889.

JAMES A. STEUART, M. D.,
*Commissioner of Health*:

SIR:—I respectfully submit the fifth annual report of the work performed by me as Inspector of Plumbing for the year ending December 31, 1888.

The tables accompanying this report will show, in detail, the number of permits issued, inspections made, etc.

In conformity with the requirements of Section 7, of the ordinance creating this office, I respectfully inform you that a fine of five dollars was imposed upon a builder for violation of its provisions.

Paramount to everything else good health is essential to happiness, and from the fact that a great amount of our lives is spent within doors, it is important that every care be taken in the arrangement and construction of the drainage of our dwellings to render them free from possible dangers to health.

When we look about us and see how much remains to be done before the masses of the people shall be emancipated from the necessity of living under conditions prejudicial to health, it would seem as if the task of the sanitarian is almost a hopeless one.

It is the universal custom to have, even in moderate priced houses, fitted up with hot and cold water, a water closet and bath. Hand in hand with these conveniences, so valuable to the feeble or invalid, come drainage and the danger to sewer-gas.

It is possible to construct the fixtures so as to render them absolutely safe. The principal causes for failure are: first, a want of proper designing in the beginning, and, secondly, the most important one, *the cost.* In the first the fault lies wholly with architects who should not place water-closets in dark corners, but in rooms that are lighted by a window, conforming in size with those provided for habitable rooms, and in no case with an area less than five superficial feet. Such windows should be either in an exterior wall of the building or in a light shaft of no less than eight superficial feet. In hotels, however, water-closets connected with and for the exclusive use of any apartment may secure its light from said apartment through a stationary sash.

The custom of boldly exposing every pipe, trap and bowl to full view, is one step in advance of the old method of closing everything in the neatest woodwork, so that none of the piping is visible, and after the work

is finished no one knows what is behind it. It is at once a receptacle for dirt, often the dried results of an overflow of filthy water, a cloak for carelessness and neglect, and in time becomes a veritable pest hole.

In the second place, the fault often lies with the owner himself, who from mercenary motives tolerates cheap and imperfect work.

In his census report, Dr. Billings estimates that "in the United States one hundred thousand deaths occur every year from strictly preventable diseases alone," and if there are reckoned also, ten cases of serious illness for every death, we see what a great amount of suffering results from ignorance of sanitary principles.

The greatest danger to the public health in this city is the fact that the sewerage from closets instead of being rapidly carried away is held in cesspools or privy-wells. These are often found concealed under floors of dwellings. The mode of constructing these pest holes is very discouraging and are hot-beds for the dissemination of trouble.

The adoption of a proper system of sewers for the present privy-wells will assist the Health Department in its endeavor to bring the City to a point where the ordinary sanitary condition will be such that epidemics of disease, resulting from or aggravated by filth, could be avoided or reduced to a minimum. The danger is greater than the people realize; the trouble is deep-seated and not to be reached by the Spring "cleaning

up'' nor even by inspection. In most of the houses of this City there exists a latent power for evil, which is liable when its hour arrives to exert itself to the full of its terrible might.

It does not seem to me advisable to enlarge this report by explanation of our methods or a description of any more special instance of defect, as my former reports amplified these subjects to a considerable extent, and the public has been pretty largely treated to sanitary literature through the many scientific journals and the daily press. There is no occasion for illustration to convince the average citizen that disease comes from violating the well-defined rules of sanitation, and that there is death in the atmosphere of defective house drains. It was perhaps necessary in the earlier period to arouse an interest. Now, however, the science of house plumbing is as exact and as uniform as those of experts in other professions.

In conclusion, accept my thanks for the kindness extended me by detailing an inspector of this department to supervise the work of laying drain pipes. The work performed by this gentleman has been quite satisfactory, and has aided me greatly in having it executed in accordance with the regulations.

Also accept my thanks for your able support in my efforts to execute the duties of my office.

Very respectfully submitted,

Your obedient servant,

JOHN W. LEE,
*Inspector of Plumbing.*

# TABLES.

## TABLE No. 1.

Plans received and Permits granted for Plumbing Work during the year ending December 31, 1888.

| Months. | | | Months. | | | Totals |
|---|---|---|---|---|---|---|
| January .... | New Buildings.. | 10 | January .... | Old Buildings..... | 30 | 40 |
| February ... | " " .. | 8 | February ... | " " ..... | 45 | 53 |
| March..... | " " .. | 96 | March ..... | " " ..... | 51 | 147 |
| April ..... | " " .. | 61 | April ..... | " " ..... | 56 | 117 |
| May..... | " " .. | 75 | May..... | " " ..... | 67 | 142 |
| June ..... | " " .. | 65 | June..... | " " ..... | 75 | 140 |
| July ..... | " " .. | 62 | July ..... | " " ..... | 55 | 117 |
| August ..... | " " .. | 70 | August ..... | " " ..... | 71 | 141 |
| September... | " " .. | 80 | September .. | " " ..... | 85 | 165 |
| October..... | " " .. | 22 | October..... | " " ..... | 77 | 99 |
| November... | " " .. | 43 | November... | " " ..... | 41 | 84 |
| December ... | " " .. | 57 | December ... | " " ..... | 63 | 120 |
| Total ..... | ..... | 649 | Total ..... | ..... | 716 | 1,365 |
| | | | Permits for cellar drains.. | | | 344 |
| | | | " to repair " .. | | | 63 |
| | | | " to repair soil-pipe. | | | 43 |
| | | | | | | 450 |

JOHN W. LEE, *Inspector of Plumbing.*

## TABLE No. 2.

Number of Inspections of Plumbing Work during the year 1888.

| Months. | First Inspection. | Second Inspection. | Third Inspection. | Totals. |
|---|---|---|---|---|
| January | 39 | 20 | 27 | 86 |
| February | 47 | 25 | 17 | 89 |
| March | 80 | 40 | 12 | 132 |
| April | 150 | 20 | 22 | 192 |
| May | 105 | 43 | 20 | 168 |
| June | 156 | 52 | 70 | 278 |
| July | 123 | 44 | 31 | 198 |
| August | 127 | 30 | 39 | 196 |
| September | 130 | 23 | 51 | 204 |
| October | 120 | 43 | 42 | 205 |
| November | 81 | 51 | 33 | 165 |
| December | 93 | 23 | 31 | 147 |
| Totals | 1,251 | 414 | 395 | 2,060 |

JOHN W. LEE,

*Inspector of Plumbing.*

# REPORT

— OF THE —

# SECRETARY.

# TABLE No. 1.

Salary Account for Twelve Months ending December 31, 1888.

| DR. | APPROPRIATION, $32,300.00. | | CR. |
|---|---|---|---|
| To 13 warrants on Comptroller | $32,205 08 | By 1 voucher—January 1st, 1888 | $2,358 40 |
| | | " 1 " February 1st, 1888 | 2,358 40 |
| | | " 1 " March 1, 1888 | 3,291 62 |
| | | " 1 " April 1, 1888 | 2,366 75 |
| | | " 1 " May 1, 1888 | 2,383 29 |
| | | " 1 " May 1, 1888 | 50 00 |
| | | " 1 " June 1, 1888 | 3,246 30 |
| | | " 1 " June 30, 1888 | 2,383 41 |
| | | " 1 " August 1, 1888 | 2,383 28 |
| | | " 1 " September 1, 1888 | 3,308 41 |
| | | " 1 " October 1, 1888 | 2,383 40 |
| | | " 1 " November 1, 1888 | 2,383 41 |
| | | " 1 " December 1, 1888 | 3,308 41 |
| To 13 warrants on Comptroller | $32,205 08 | By 13 vouchers for twelve months | $32,205 08 |
| " unexpended balance | 94 92 | By unexpended balance | 94 92 |
| | $32,300 00 | | $32,300 00 |

A. R. CARTER, *Secretary Health Department.*

# TABLE No. 2.

General Health Account for Twelve Months ending December 31, 1888.

DR. APPROPRIATION, $13,000; RESOLUTION No. 155, $2,010.36; TOTAL $15,010.36. CR.

| | | | | | |
|---|---|---|---|---|---|
| To 314 warrants on Comptroller..... | $15,006 75 | By 11 | vouchers | —Interments E. P. Cemetery.. | $ 998 75 |
| | | " 11 | " | Interments W. P. Cemetery. | 1,174 50 |
| | | " 43 | " | Coffins..... | 1,763 75 |
| | | " 20 | " | Removing filth from docks.. | 3,935 75 |
| | | " 1 | " | Head boards for graves..... | 135 00 |
| | | " 12 | " | Lime and disinfectants..... | 865 60 |
| | | " 9 | " | Limeing streets and alleys... | 1,027 38 |
| | | " 1 | " | Tolls..... | 14 60 |
| | | " 50 | " | Postage, stamps and cards... | 385 63 |
| | | " 22 | " | Wagons and repairs..... | 1,019 14 |
| | | " 6 | " | Bedding and blankets..... | 69 24 |
| | | " 2 | " | Articles destroyed..... | 19 75 |
| | | " 26 | " | Sundry small bills..... | 129 21 |
| | | " 28 | " | Livery..... | 559 72 |
| | | " 18 | " | Telephones and messenger service..... | 417 50 |
| | | " 2 | " | Annual Report..... | 1,270 60 |
| | | " 23 | " | Advertising, papers and books..... | 112 68 |
| | | " 4 | " | Abating nuisances..... | 117 08 |
| | | " 15 | " | Vaccine virus..... | 680 00 |
| | | " 10 | " | Analysis of water and milk.. | 310 87 |
| To 314 warrants on Comptroller..... | $15,006 75 | By 314 | " | for twelve months..... | $15,006 75 |
| To unexpected balance..... | 3 61 | " unexpended balance..... | | | 3 61 |
| | $15,010 36 | | | | $15,010 36 |

A. R. CARTER, *Secretary Health Department.*

## TABLE No. 3.

Nuisance and Sewer Account for twelve months ending December 31st, 1888.

DR. APPROPRIATION, $12,000; RESOLUTION No. 172, $400; TOTAL, $12,400. CR.

| | | | | | |
|---|---|---|---|---|---|
| To 161 warrants on Comptroller | $10,274 64 | By 47 | vouchers | —Henry Paff, sewer work | 4,875 73 |
| | | " 9 | " | G. W. Braden " " | 438 99 |
| | | " 38 | " | M. F Gorman " " | 3,580 52 |
| | | " 11 | " | Livery | 198 00 |
| | | " 4 | " | Horse shoeing | 34 00 |
| | | " 2 | " | Rent of shed | 45 00 |
| | | " 14 | " | Repairs | 189 28 |
| | | " 10 | " | Abating nuisances | 420 70 |
| | | " 25 | " | Tools | 207 42 |
| | | " 1 | " | Drain pipe | 285 00 |
| To 161 warrants on Comptroller | $10,274 64 | " 161 | " | For twelve months | 10,274 64 |
| " Resolution No. 155, approved October 9th, 1888, transferring to General Health Account | 2,010 36 | " Resolution No. 155, approved October 9th, 1888, transferring to General Health Account | | | 2,010 36 |
| " Unexpended balance | 115 00 | " Unexpended balance | | | 115 00 |
| | $12,400 00 | | | | $12,400 00 |

A. R. CARTER, *Secretary Health Department.*

# TABLE No. 4.

Account of Quarantine Hospital of the Port of Baltimore for Twelve Months ending December 31, 1888.

DR. APPROPRIATION, $18,000.00. CR.

| | | | | | |
|---|---|---|---|---|---|
| To 141 warrants on Comptroller | $17,677 86 | By 12 | Vouchers | —Pay rolls | $11,347 50 |
| | | " 10 | " | Fertilizers and seed | 185 81 |
| | | " 2 | " | Grading bank | 349 10 |
| | | " 20 | " | Repairs | 664 85 |
| | | " 3 | " | Medicines | 31 54 |
| | | " 2 | " | Sundry small bills | 52 95 |
| | | " 12 | " | Groceries | 1,006 11 |
| | | " 1 | " | Subscription to paper | 3 00 |
| | | " 5 | " | Tools | 46 43 |
| | | " 4 | " | Insurance | 242 90 |
| | | " 13 | " | Ice | 163 11 |
| | | " 14 | " | Coal | 941 79 |
| | | " 12 | " | Provisions | 1,588 47 |
| | | " 2 | " | Clothing for patients | 22 20 |
| | | " 1 | " | Street dirt | 150 00 |
| | | " 12 | " | Paints and Oils | 329 29 |
| | | " 1 | " | Cow | 60 00 |
| | | " 1 | " | Horse | 125 00 |
| | | " 2 | " | Supplies | 14 73 |
| | | " 2 | " | Flags and awnings | 42 50 |
| | | " 1 | " | Lumber | 100 36 |
| | | " 1 | " | Coffins | 24 00 |
| | | " 8 | " | Feed | 186 22 |
| To 141 warrants on Comptroller | $17,677 86 | By 141 | " | for twelve months | $17,677 86 |
| " unexpended balance | 321 14 | " unexpended balance | | | 322 14 |
| | $18,000 00 | | | | $18,000 00 |

A. R. CARTER, *Secretary Health Department.*

# TABLE No. 5.

Expendiures on Account of City Annex for Seven Months ending December 31, 1888.
Salaries of Sanitary Inspectors and Vaccine Physicians, Nuisances and Sewers, General Health.

SALARIES.

| | | | | | |
|---|---|---|---|---|---|
| To 9 warrants on Comptroller | $1,183 24 | By 2 vouchers—July 2 | | | $ 50 00 |
| | | " 1 " " 30 | | | 25 00 |
| | | " 1 " August 1 | | | 216 64 |
| | | " 1 " September 1 | | | 216 68 |
| | | " 1 " October 1 | | | 216 64 |
| | | " 1 " " 9 | | | 25 00 |
| | | " 1 " November 1 | | | 216 64 |
| | | " 1 " December 1 | | | 216 64 |
| To 9 warrants on Comptroller | $1,183 24 | By 9 vouchers for seven months | | | $1,183 24 |

## TABLE No. 5—Continued.

### Nuisances and Sewers.

| | | | | |
|---|---|---|---|---|
| To 20 warrants on Comptroller | $721 62 | By 2 vouchers July 2 | | $ 66 50 |
| | | " 1 " " 19 | | 32 91 |
| | | " 1 " " 26 | | 35 00 |
| | | " 2 " August 2 | | 105 00 |
| | | " 1 " " 3 | | 32 58 |
| | | " 1 " " 9 | | 20 00 |
| | | " 1 " " 16 | | 20 00 |
| | | " 1 " " 31 | | 3 32 |
| | | " 2 " September 2 | | 129 50 |
| | | " 1 " " 7 | | 7 49 |
| | | " 2 " October 1 | | 105 00 |
| | | " 1 " " 22 | | 3 32 |
| | | " 2 " November 1 | | 84 00 |
| | | " 2 " December 3 | | 77 00 |
| To 20 warrants on Comptroller | $721 62 | By 20 vouchers for seven months | | $721 62 |

### General Health.

| | | | |
|---|---|---|---|
| To 7 warrants on Comptroller | $111 87 | By 7 vouchers—Advertising | $111 87 |

A. R. CARTER, *Secretary Health Department.*

## TABLE No. 6.

Statement of Appropriations to, Expenditures by, and Unexpended Balances of the Health Department for the year 1888.

### APPROPRIATIONS.

| | |
|---|---|
| Salaries | $32,300 00 |
| General Health, $13,000; by Resolution No. 155, $2,010.36 | 15,010 36 |
| Nuisance and Sewers, $12,000; to Resolution No. 155, $2,010.36 | 10,274 64 |
| Resolution No. 172, drain-pipe | 400 00 |
| Post-mortems | 1,000 00 |
| Quarantine Hospital | 18,000 00 |
| Total appropriations | $76,985 00 |

### EXPENDITURES.

| | |
|---|---|
| Salaries | $32,205 08 |
| General Health | 15,006 75 |
| Nuisance and Sewers | 10,274 64 |
| Resolution No. 172, drain-pipe | 285 00 |
| Post-mortems | 1,000 00 |
| Quarantine Hospital | 17,677 86 |
| Total expenditures | $76,449 33 |

### UNEXPENDED BALANCES.

| | |
|---|---|
| Salary account | $ 94 92 |
| General Health account | 3 61 |
| Quarantine Hospital | 322 14 |
| Resolution No. 172, drain-pipe | 115 00 |
| Total | $535 67 |

A. R. CARTER,
*Secretary Health Department.*

## TABLE No. 7.

Annual report of Deaths from all causes in the City of Baltimore for the year 1888.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Abscess | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 |
| " Cerebral | .... | 2 | 1 | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | 5 |
| " Hepatic | .... | 1 | .... | 1 | .... | .... | .... | .... | 2 | 1 | 1 | 1 | 7 |
| " Umbilical | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " Femoral | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " Perineal | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 2 |
| " Pelvic | .... | .... | 1 | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | 3 |
| " Psoas | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | 2 |
| " Renal | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | 2 |
| " of Ear | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 2 |
| " of Knee | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Side | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Leg | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| " Vagina | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Anæmia (Pernicious) | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 | 1 | 3 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amyloid Liver | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Anæmia | 1 | 1 | .... | 1 | 1 | .... | 1 | .... | .... | 3 | .... | .... | 8 |
| Aneurism of Aorta | 1 | 2 | .... | .... | 1 | 2 | 2 | .... | .... | 1 | .... | .... | 9 |
| of Femoral Artery | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 2 |
| Thoracic | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| Aortic Stenoses | .... | .... | .... | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | 2 |
| Apoplexy | 12 | 18 | 17 | 15 | 16 | 18 | 11 | 11 | 14 | 10 | 6 | 16 | 164 |
| Arthritis | 1 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| Ascites | 1 | 1 | 2 | .... | .... | 1 | 1 | .... | .... | 1 | 1 | 2 | 10 |
| Asthma | 11 | 4 | 7 | 1 | 3 | 1 | 4 | 3 | 1 | 3 | 4 | 4 | 46 |
| Asthenia | 4 | 3 | 5 | 1 | 2 | 4 | 8 | 7 | 10 | 5 | 5 | 4 | 58 |
| Atelectasis Pulmonum | 1 | 1 | 1 | .... | .... | 1 | .... | .... | .... | 2 | .... | 1 | 7 |
| Abortion | .... | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | 1 | 3 |
| Abortion, Criminal | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 2 |
| Albuminuria | .... | 1 | 1 | 1 | 1 | .... | .... | .... | .... | .... | 1 | 1 | 6 |
| Angina Pectoris | .... | 1 | 3 | 2 | 1 | 1 | .... | 1 | 2 | 1 | 2 | 1 | 15 |
| Asphyxia | .... | 1 | 1 | .... | .... | 1 | 3 | .... | 1 | 1 | 2 | 2 | 12 |
| Adynæmia | .... | .... | 1 | 1 | .... | .... | 1 | .... | .... | .... | .... | .... | 3 |
| Amenorrhœa | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Atrophy | .... | .... | 2 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 3 |
| " Acute Yellow of Liver | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 |
| Addison's Disease | .... | .... | .... | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | 2 |
| Adenitis | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |

TABLE No. 6—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acute Indigestion | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |
| Bright's Disease | 20 | 13 | 14 | 18 | 15 | 19 | 16 | 9 | 14 | 10 | 11 | 14 | 173 |
| Burns | 4 | 4 | 2 | 2 | .... | 1 | 5 | 1 | 3 | 5 | 4 | 5 | 36 |
| Capillary Bronchitis | 8 | 8 | 10 | 12 | 7 | 2 | .... | 3 | 3 | 8 | 5 | 14 | 80 |
| Congestive Chill | 1 | .... | 1 | .... | .... | .... | 1 | 2 | .... | 1 | .... | 1 | 7 |
| Catarrh | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " Senile | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " Bronchial | .... | 3 | 4 | 5 | 2 | 3 | 1 | 2 | 2 | 1 | .... | 3 | 26 |
| " Gastro Intestinal | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| Congestion of Bowels | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 | 2 |
| Cirrhosis of Liver | 5 | 8 | 4 | 3 | 3 | 5 | .... | 8 | 4 | 7 | 7 | 4 | 58 |
| Concussion of Brain | 2 | .... | 1 | .... | 6 | 2 | 3 | 1 | 1 | 2 | 1 | 2 | 21 |
| Compression " | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Colitis | .... | .... | .... | .... | .... | 2 | 1 | .... | .... | .... | .... | .... | 3 |
| Cancer | .... | .... | .... | .... | .... | .... | .... | 2 | 1 | .... | .... | .... | 3 |
| Cancer of Stomach | 2 | 6 | 4 | 2 | 6 | 6 | 5 | 7 | 3 | 7 | 5 | 1 | 54 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cancer of Neck | 1 | .... | .... | .... | 2 | 1 | .... | .... | .... | .... | 1 | .... | 5 |
| " of Bowels | 2 | .... | 1 | 2 | .... | 1 | .... | 1 | .... | .... | 1 | .... | 8 |
| " of Pylorus | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 | 3 |
| " of Pelvis | 1 | .... | .... | .... | .... | .... | .... | 2 | .... | .... | .... | .... | 3 |
| " of Uterus | 2 | 3 | 9 | 2 | 1 | 3 | 2 | 8 | 5 | 2 | 8 | 3 | 48 |
| " of Breast | 3 | 3 | 4 | .... | 4 | 2 | 2 | 4 | 3 | .... | 2 | 4 | 31 |
| " of Liver | .... | 2 | 4 | 3 | .... | 5 | 3 | 1 | 4 | 4 | 2 | 1 | 29 |
| " of Throat | .... | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 2 |
| " of Face | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | 1 | 4 |
| " of Abdomen | .... | 1 | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | 3 |
| " of Transverse Colon | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Ovaries | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | 3 |
| " of Tibia | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Vagina | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Oesophagus | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Rectum | .... | .... | .... | .... | 4 | 1 | .... | .... | .... | .... | .... | .... | 5 |
| " of Ventricular | ... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Vulva | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | 1 | .... | .... | 3 |
| " of Omentum | .... | .... | .... | .... | 1 | .... | 2 | 1 | .... | .... | .... | .... | 4 |
| " of Pancreas | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| " of Tongue | .... | .... | .... | .... | .... | .... | .... | 2 | .... | .... | .... | 2 | 4 |
| " of Arm | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |
| " of Mesentery | .... | .... | .... | .... | .... | .... | .... | .... | 2 | .... | .... | .... | 2 |
| " of Kidney | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |

TABLE No. 6—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cancer of Diffused | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| " of Leg | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| " of Groin | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| " of Lip | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Congestion of Brain | 5 | 7 | 6 | 5 | .... | 4 | 4 | 12 | 7 | 2 | 2 | 5 | 59 |
| " of Lungs | 12 | 11 | 10 | 3 | 2 | 4 | 2 | 2 | 3 | 4 | 3 | 13 | 69 |
| " of Liver | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |
| Cancrum Oris | .... | .... | .... | 2 | .... | .... | .... | .... | 1 | .... | .... | .... | 3 |
| Consumption of Bowels | 2 | .... | 1 | .... | .... | 1 | 1 | .... | 1 | .... | 1 | .... | 7 |
| " of Lungs | 66 | 112 | 149 | 97 | 89 | 110 | 71 | 88 | 94 | 79 | 83 | 113 | 1,151 |
| Convulsions | 26 | 25 | 45 | 18 | 15 | 26 | 25 | 20 | 31 | 22 | 17 | 34 | 304 |
| " Puerperal | .... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | 3 |
| Croup | 17 | 16 | 17 | 11 | 6 | 3 | 3 | 5 | 1 | 9 | 8 | 2 | 98 |
| Colic | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 2 |
| Calculus | .... | 1 | 1 | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | 4 |
| Child-birth | .... | 1 | 1 | 2 | 2 | 1 | 1 | 3 | 2 | .... | 2 | .... | 15 |
| Cholera Morbus | .... | 1 | .... | .... | 1 | 5 | 12 | 8 | 1 | 1 | .... | 1 | 30 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cholera Infantum | .... | .... | .... | .... | 4 | 144 | 269 | 167 | 56 | 8 | 3 | 3 | 654 |
| Cephalhæmatoma | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Cyanosis | .... | 5 | 1 | .... | 5 | 4 | 4 | 3 | 4 | 1 | .... | 4 | 31 |
| Cellulitis of Leg and Foot | .... | 1 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 2 |
| Cystorrhœa | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Caries of Spine | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | 3 |
| Carbuncle | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 | 2 |
| Disease of Heart | 28 | 34 | 42 | 29 | 29 | 41 | 33 | 29 | 37 | 22 | 29 | 51 | 404 |
| " of Spine | 1 | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | 3 |
| " of Uterus | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Prostate | .... | .... | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| " of Liver | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 2 |
| " of Hip Joint | .... | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | .... | .... | 2 |
| " of Knee Joint | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| Debility | 3 | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 6 |
| Dropsy, General | 2 | 1 | 2 | 2 | 4 | 3 | 1 | .... | 1 | 4 | 3 | 2 | 25 |
| " Cardiar | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | 3 |
| Dyspepsia | 1 | .... | .... | 2 | 1 | .... | .... | 1 | .... | .... | .... | .... | 5 |
| Drowned | 1 | .... | 3 | 6 | .... | 9 | 2 | 10 | 7 | 5 | 2 | .... | 45 |
| Dysentery | 1 | 2 | 1 | 2 | 3 | 14 | 55 | 47 | 22 | 10 | 6 | 4 | 167 |
| Dentition | 5 | 5 | 6 | 4 | 8 | 14 | 16 | 16 | 13 | 8 | 7 | 3 | 105 |
| Diabetes | 2 | .... | 3 | 4 | 3 | 1 | .... | 2 | 2 | .... | .... | 2 | 19 |
| Diarrhœa | 5 | 5 | 8 | 4 | 1 | 13 | 35 | 30 | 23 | 5 | 5 | 2 | 136 |
| Diphtheria | 11 | 3 | 6 | 6 | 1 | 5 | 3 | 6 | 16 | 16 | 24 | 21 | 118 |

TABLE 6—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Delirium Tremens | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | 1 | .... | .... | 3 |
| Dermoid Cyst | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| Entero Colitis | 1 | 2 | 1 | 1 | 3 | 2 | 21 | 15 | 12 | 5 | 2 | 1 | 66 |
| Endocarditis | 1 | .... | 3 | 4 | 1 | 3 | .... | 2 | 1 | .... | 1 | 1 | 17 |
| Erysipelas | 1 | 5 | 4 | 2 | 1 | 3 | 1 | 3 | 4 | 2 | .... | 4 | 30 |
| Embolism | .... | 3 | .... | .... | 1 | .... | 1 | .... | .... | 1 | .... | 1 | 7 |
| Excessive Vomiting | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Epistaxis | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Elephantiasis | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Exposure | .... | .... | 2 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 3 |
| Effusion of Brain | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 2 |
| Epilepsy | .... | .... | .... | 2 | 4 | 1 | 1 | 2 | 3 | .... | .... | 2 | 15 |
| Empyema | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 |
| Explosion of Gas | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| Electric Shock | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| Fever, Malarial | 4 | 1 | 3 | 2 | 1 | 7 | 4 | 6 | 7 | 5 | 1 | 4 | 45 |
| " Typho-Malarial | 2 | 2 | 2 | 1 | 2 | 3 | 2 | 6 | 6 | 6 | 2 | 7 | 41 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fever Intermittent | .... | .... | 1 | .... | .... | 1 | .... | 2 | 1 | 2 | .... | .... | 7 |
| " Puerperal | .... | 2 | 4 | 2 | 1 | .... | .... | 2 | 1 | 3 | 1 | .... | 16 |
| " Remittent | 1 | .... | 2 | 2 | .... | .... | 1 | 1 | 3 | 2 | 2 | 3 | 17 |
| " Scarlet | 8 | 3 | 3 | 3 | 2 | 2 | 5 | .... | 2 | 6 | 3 | 7 | 44 |
| " Typhoid | 7 | 8 | 6 | 6 | 5 | 10 | 4 | 26 | 34 | 21 | 17 | 17 | 161 |
| " Cerebro-Spinal | 1 | 5 | .... | 2 | 2 | 3 | 4 | .... | 2 | 1 | .... | 2 | 22 |
| " Catarrhal | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Fracture of Femur | .... | 3 | 1 | .... | 1 | .... | 1 | .... | .... | 2 | .... | .... | 8 |
| " of Skull | .... | 1 | 1 | 2 | 1 | 2 | 1 | 3 | .... | .... | 1 | 2 | 14 |
| " Vertebræ | .... | .... | .... | .... | .... | .... | 1 | 3 | .... | .... | .... | .... | 4 |
| " Leg | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| " Ribs | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| " Neck | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Fistula | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | 2 |
| Gangrenous Cellulitis | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Gastro Enteritis | 6 | 4 | 3 | 1 | 2 | 10 | 21 | 15 | 24 | 14 | 4 | 7 | 111 |
| Gangrene | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 2 |
| " of Leg | .... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 2 |
| " of Mouth | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Senile | .... | .... | 2 | 3 | .... | 1 | .... | .... | 1 | .... | 2 | .... | 9 |
| Glioma of Nose | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 2 |
| Gall Stone Colic | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 |
| Hydrocephalus | 1 | .... | 4 | 1 | .... | 2 | 2 | 3 | .... | 1 | .... | 3 | 17 |
| Hypertrophy of Liver | .... | .... | 1 | .... | 2 | .... | .... | .... | .... | .... | .... | .... | 3 |
| Hydrothorax | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | .... | 2 | 1 | 5 |

TABLE 7—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hæmatemesis | .... | .... | .... | 2 | 1 | .... | .... | .... | .... | .... | .... | .... | 3 |
| Hemorrhage of Navel. | 1 | .... | .... | 1 | .... | .... | 2 | .... | .... | .... | .... | 1 | 5 |
| " of Brain. | 2 | 4 | 2 | 1 | 2 | 3 | 2 | 3 | 3 | 1 | 3 | 3 | 29 |
| " of Lungs. | 1 | 2 | 2 | 1 | 2 | 2 | 3 | .... | 1 | 4 | 4 | .... | 22 |
| " of Uterus | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Bowels | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | 2 |
| " of Kidneys | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| " Post Partem | 1 | 1 | 1 | .... | 1 | 1 | .... | 1 | 1 | .... | .... | .... | 7 |
| " Stomach. | .... | .... | .... | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | 2 |
| Hæmoptysis | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | 1 | .... | 3 |
| Hernia | .... | 1 | .... | .... | .... | .... | 2 | .... | .... | .... | .... | 1 | 4 |
| " Strangulated | 1 | 2 | .... | 1 | .... | 1 | 1 | .... | .... | .... | .... | .... | 6 |
| " Inguinal | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Hypostatic Congestion | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |
| Inanition | 12 | 4 | 20 | 9 | 13 | 27 | 20 | 19 | 29 | 4 | 10 | 14 | 181 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ischuria | .... | 3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 3 |
| Indigestion | .... | 1 | 1 | 1 | .... | 1 | .... | 1 | .... | .... | .... | 2 | 7 |
| Insanity | .... | 1 | 1 | .... | .... | .... | 1 | .... | 3 | 2 | 1 | .... | 9 |
| Injuries of Spinal Cord | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Intussusception | .... | 1 | 1 | 3 | .... | 2 | .... | 1 | 1 | .... | .... | 3 | 12 |
| Intemperance | 3 | 3 | 2 | 5 | 2 | 4 | 1 | 3 | 2 | 2 | .... | 9 | 36 |
| Insolation | .... | .... | .... | .... | .... | 6 | 1 | .... | .... | .... | .... | .... | 7 |
| Ileus | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | 2 |
| Inflammation of Brain | 1 | 3 | .... | .... | 3 | 5 | 1 | 2 | 8 | 2 | 1 | 1 | 27 |
| " Bladder | .... | .... | 3 | 4 | 1 | 1 | 2 | 1 | .... | 1 | .... | 1 | 14 |
| " Bowels | 1 | 2 | 4 | 5 | 4 | 5 | 11 | 17 | 17 | 3 | 3 | 7 | 79 |
| " Stomach | 4 | 8 | 8 | 14 | 3 | 6 | 4 | 3 | 4 | 8 | 10 | 6 | 78 |
| " Bronchi | 11 | 13 | 20 | 15 | 10 | 6 | 8 | 4 | 7 | 10 | 8 | 14 | 126 |
| Inflammation of Kidneys | 6 | 4 | 11 | 3 | 1 | 6 | 6 | 5 | 7 | 9 | 4 | 11 | 73 |
| Inflam'ation of Larynx | 3 | .... | 1 | .... | 2 | 1 | .... | .... | .... | 3 | 3 | 4 | 17 |
| " of Liver | 1 | 1 | 3 | .... | 3 | 1 | .... | 1 | .... | .... | 2 | 2 | 14 |
| Inflammation of Peritoneum | 2 | 4 | 6 | 4 | 4 | 4 | 4 | 5 | 4 | 1 | 3 | 8 | 49 |
| Inflammation of Pleura | 1 | 3 | 5 | 1 | .... | .... | 2 | .... | .... | 3 | .... | 1 | 16 |
| Inflammation of Pericardium | .... | 1 | 3 | .... | 1 | 1 | 1 | 2 | .... | .... | 3 | 1 | 13 |
| Inflam'ation of Tonsils | .... | .... | .... | 1 | 1 | .... | .... | 1 | 1 | .... | .... | 2 | 6 |
| Jaundice | .... | 2 | 2 | .... | 2 | 1 | 2 | 3 | 2 | 1 | 1 | .... | 16 |
| Leucocythæmia | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 2 |

TABLE No. 7—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lithotomy | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Lightning | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| Lymphadenoma | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | 2 |
| Laparotomy | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| Metritis | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Malformation | 2 | 2 | .... | 1 | .... | .... | .... | 1 | 1 | 1 | .... | .... | 8 |
| Marasmus | 14 | 13 | 25 | 12 | 8 | 20 | 40 | 34 | 51 | 32 | 7 | 20 | 276 |
| Measles | 21 | 35 | 49 | 30 | 20 | 12 | 4 | 2 | 1 | .... | .... | 2 | 176 |
| Meningitis | 7 | 14 | 20 | 16 | 10 | 27 | 15 | 11 | 7 | 9 | 15 | 14 | 165 |
| " Tuburcular. | 7 | 7 | 7 | 7 | 6 | 4 | 5 | 3 | 8 | 7 | 4 | 5 | 70 |
| " Spinal | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| Mal-nutrition | 3 | 1 | .... | .... | 1 | 6 | 8 | 5 | 7 | .... | 1 | 3 | 35 |
| Murder | 3 | .... | 1 | 1 | .... | .... | 1 | 1 | .... | 1 | .... | 2 | 10 |
| Myelitis | .... | 1 | .... | 3 | 2 | 1 | 1 | 1 | .... | .... | 1 | .... | 10 |
| Myo Carditis | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Miscarriage | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| Malaria | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Neurasthenia | 1 | 2 | 3 | .... | 1 | 1 | .... | 1 | 1 | 3 | 1 | 2 | 16 |
| Necrosis | 2 | 2 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | 6 |
| Neuralgia | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Nutmeg Liver | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Non Viable | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 2 |
| Old Age | 34 | 23 | 35 | 19 | 25 | 35 | 24 | 21 | 30 | 25 | 16 | 31 | 318 |
| Oedema of Lungs | 1 | 1 | .... | 2 | .... | .... | .... | .... | .... | .... | .... | .... | 4 |
| " of Glottis | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 2 |
| Overlaid | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Ovariotomy | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| Opium Habit | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | 2 |
| Over Lactation | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |
| Puerperal Metritis | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| " Septicæmia | 3 | 2 | 3 | .... | 1 | 2 | .... | 3 | .... | 1 | 1 | .... | 16 |
| " Mania | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " Peritonitis | 1 | 1 | 2 | 2 | 2 | 5 | 1 | 2 | .... | .... | 1 | 1 | 18 |
| Paralysis | 16 | 12 | 21 | 13 | 10 | 22 | 12 | 14 | 10 | 14 | 10 | 15 | 169 |
| Pneumonia | 87 | 100 | 119 | 64 | 46 | 33 | 12 | 16 | 24 | 30 | 56 | 84 | 671 |
| " Typhoid | 2 | 1 | 6 | 3 | 2 | 1 | .... | 2 | 1 | 1 | .... | 5 | 24 |
| " Pleuro | 4 | 2 | 5 | .... | 3 | 2 | 2 | .... | .... | 2 | 1 | 1 | 22 |
| " Broncho | 2 | 4 | 3 | 4 | 3 | 1 | 1 | 2 | 1 | 1 | .... | 1 | 23 |
| Poison | 1 | 1 | .... | .... | 1 | 1 | 1 | .... | 1 | .... | .... | .... | 6 |
| Premature Birth | 7 | 10 | 12 | 12 | 16 | 25 | 23 | 16 | 16 | 17 | 12 | 22 | 188 |
| Pyæmia | 1 | .... | .... | 2 | 1 | .... | 1 | .... | 2 | 2 | .... | .... | 9 |
| Pott's Disease | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |

TABLE No. 7—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Prolonged Labor | 3 | 1 | 2 | 2 | .... | 1 | 1 | .... | .... | 1 | .... | 2 | 13 |
| Perrigo Larvalis | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Purpura | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Prostitutis | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Progressive Locomotive Ataxia | .... | 1 | .... | .... | .... | .... | .... | 3 | .... | .... | 2 | .... | 6 |
| Phlebitis | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Parotiditis | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 |
| Pelvic Cellulitis | .... | .... | .... | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | 2 |
| Phrenitis | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| Pemphigus | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Rheumatism | 4 | 1 | 7 | 5 | .... | 1 | 1 | .... | .... | 1 | 1 | 1 | 22 |
| " Inflammatory | 2 | 2 | 2 | 3 | 2 | 2 | 4 | 3 | 1 | 1 | 1 | .... | 23 |
| Rachitis | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Surgical Kidney | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Spinal Sclerosis | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stomatitis | 1 | 1 | 2 | .... | .... | .... | 2 | 1 | .... | .... | 1 | 1 | 9 |
| Scrofula | 1 | 1 | 4 | .... | 1 | 4 | 3 | 1 | 4 | 2 | 1 | 3 | 25 |
| Softening of Brain | 2 | 5 | 3 | 2 | 2 | 1 | 3 | 2 | 6 | 1 | 5 | 4 | 36 |
| Sciatica | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Suicide | 6 | 1 | .... | 3 | 5 | 4 | 3 | 4 | 2 | 2 | .... | 5 | 35 |
| Syphilis | 1 | 1 | 3 | 2 | 4 | 2 | 2 | .... | 2 | .... | .... | 1 | 18 |
| Smothered in Bed | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Septicæmia | .... | 1 | 3 | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | 6 |
| Stricture of Rectum | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 2 |
| " of Bowels | .... | .... | 2 | .... | 3 | 2 | 3 | 2 | 1 | .... | 2 | 1 | 16 |
| Strict're of Oesophagus | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Urethra | .... | .... | .... | .... | .... | 2 | .... | .... | .... | .... | .... | .... | 2 |
| Spina Bifida | .... | .... | 2 | .... | .... | .... | .... | .... | .... | 1 | .... | 2 | 5 |
| Sclerosis of Brain | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Suffocation by Illuminating Gas | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 3 | .... | 3 | 7 |
| Suffocation by Stone in Throat | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 |
| Suffocati'n by Foul Air | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| " by Coal Gas | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Sunstroke | .... | .... | .... | .... | .... | .... | .... | 6 | .... | .... | .... | .... | 6 |
| Suppurative Ovaritis | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Scalds | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 | 2 |
| Tumor Ovarian | 3 | 1 | 2 | .... | .... | .... | .... | 2 | .... | 3 | .... | 3 | 14 |
| " of Kidney | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |

TABLE 7—Continued.

| Causes of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tumor of Brain | .... | 1 | 1 | .... | 1 | .... | .... | .... | .... | 2 | 1 | .... | 6 |
| " of Abdomen | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 2 | 1 | 1 | 5 |
| " of Spleen | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| " of Stomach | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Tuberculosis of Spine | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Tetanus | 1 | 2 | 2 | .... | 1 | 1 | 1 | 3 | 4 | .... | 2 | .... | 17 |
| Trismus Nascentium | 3 | 2 | 4 | 5 | 4 | 1 | 4 | 6 | 6 | 6 | 1 | 2 | 44 |
| Tabes Mesenterica | .... | 1 | 1 | 2 | .... | 2 | 2 | 1 | 3 | .... | 1 | 1 | 14 |
| Typhilitis | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 | 2 | 4 |
| Tumor of Liver | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Ulcer of Stomach | 1 | 1 | .... | .... | 1 | 2 | .... | 3 | 2 | 1 | .... | .... | 11 |
| " of Bowels | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 2 |
| " of Rectum | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| " of Leg | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | 2 |
| " Chronic | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Vesicular Emphysema | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Uræmia | 2 | 1 | 1 | 1 | 2 | 3 | 1 | 1 | .... | 4 | 1 | .... | 17 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unknown, Adults | .... | .... | 1 | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | 3 |
| " Infants | 3 | .... | 2 | 1 | .... | 1 | .... | 2 | 2 | .... | 1 | 2 | 14 |
| Wounds, Lacerated Tongue | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Wounds, Lacerated Scalp | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Whooping Cough | 7 | 13 | 18 | 11 | 5 | 2 | 11 | 10 | 9 | 11 | 10 | 5 | 112 |
| Wounds, Crushed | 2 | .... | .... | .... | 1 | 5 | 1 | .... | 2 | 1 | 1 | 1 | 14 |
| " Fall | 1 | 2 | 5 | 1 | 1 | 3 | 2 | 1 | .... | 1 | .... | 3 | 20 |
| " Pistol Shot | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 3 | 5 |
| " R. R. Cars | .... | 1 | 1 | 4 | 1 | .... | 3 | .... | .... | 1 | 3 | 2 | 16 |
| " of Groin | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Wounds by Fall of Building | .... | .... | .... | .... | .... | .... | .... | .... | 7 | .... | .... | .... | 7 |
| Wounds, Crushed Foot | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Grand Total | 642 | 711 | 952 | 620 | 544 | 874 | 967 | 893 | 813 | 601 | 539 | 780 | 8,936 |

TABLE No. 7—Continued.

| AGES.—1888. | Jan. | Feb. | March. | April. | May. | June. | July. | August. | Sept. | Oct. | Nov. | Dec. | GRAND TOTALS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Under 1 year..... | 145 | 137 | 224 | 117 | 127 | 325 | 482 | 333 | 293 | 144 | 102 | 195 | 2,624 |
| Between 1 and 2 years | 58 | 57 | 97 | 69 | 40 | 76 | 76 | 93 | 74 | 62 | 46 | 39 | 787 |
| " 2 " 5 " | 52 | 59 | 65 | 50 | 30 | 26 | 32 | 38 | 21 | 27 | 32 | 38 | 470 |
| Total, under 5 years. | 255 | 253 | 386 | 236 | 197 | 427 | 590 | 464 | 388 | 233 | 180 | 272 | 3,881 |
| Between 5 and 10 years | 20 | 33 | 38 | 29 | 26 | 27 | 35 | 21 | 24 | 29 | 25 | 38 | 345 |
| " 10 " 15 " | 9 | 7 | 15 | 8 | 6 | 14 | 14 | 18 | 15 | 8 | 8 | 9 | 131 |
| " 15 " 20 " | 15 | 23 | 26 | 19 | 17 | 23 | 21 | 23 | 27 | 10 | 20 | 30 | 254 |
| " 20 " 30 " | 51 | 60 | 84 | 56 | 48 | 68 | 55 | 78 | 56 | 67 | 50 | 69 | 742 |
| " 30 " 40 " | 55 | 75 | 74 | 54 | 51 | 62 | 42 | 64 | 61 | 48 | 56 | 73 | 715 |
| " 40 " 50 " | 54 | 52 | 72 | 42 | 47 | 57 | 40 | 56 | 59 | 45 | 54 | 67 | 645 |
| " 50 " 60 " | 52 | 58 | 74 | 60 | 41 | 56 | 36 | 53 | 56 | 41 | 54 | 63 | 644 |
| " 60 " 70 " | 62 | 77 | 77 | 58 | 51 | 66 | 62 | 60 | 63 | 67 | 50 | 75 | 768 |
| " 70 " 80 " | 47 | 45 | 73 | 35 | 35 | 45 | 49 | 37 | 40 | 25 | 28 | 51 | 510 |
| " 80 " 90 " | 18 | 24 | 27 | 18 | 23 | 23 | 22 | 18 | 20 | 26 | 12 | 31 | 262 |
| " 90 " 100 " | 4 | 3 | 4 | 2 | 2 | 5 | 1 | 1 | 3 | 2 | 2 | 2 | 31 |
| " 100 " 110 " | .... | 1 | 2 | 3 | .... | 1 | .... | .... | 1 | .... | .... | .... | 8 |
| Above 110 years ..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| Totals..... | 642 | 711 | 952 | 620 | 544 | 874 | 967 | 893 | 813 | 601 | 539 | 780 | 8,936 |

| NATIVITY. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U. S.—White Males.. | 191 | 215 | 278 | 194 | 163 | 269 | 330 | 286 | 252 | 179 | 169 | 233 | 2,759 |
| — " Females | 177 | 206 | 258 | 169 | 147 | 265 | 297 | 290 | 255 | 171 | 141 | 220 | 2,596 |
| Foreign—White Males | 68 | 59 | 91 | 57 | 55 | 84 | 61 | 86 | 70 | 59 | 49 | 80 | 819 |
| — " Females | 60 | 65 | 82 | 41 | 55 | 60 | 54 | 59 | 64 | 57 | 58 | 65 | 720 |
| Colored Males ..... | 58 | 80 | 125 | 72 | 64 | 92 | 114 | 80 | 92 | 66 | 54 | 91 | 988 |
| " Females ..... | 88 | 86 | 118 | 87 | 60 | 104 | 111 | 92 | 80 | 69 | 68 | 91 | 1,054 |
| Totals..... | 642 | 711 | 952 | 620 | 544 | 874 | 967 | 893 | 813 | 601 | 539 | 780 | 8,936 |
| Still-births ..... | 60 | 54 | 69 | 46 | 36 | 72 | 54 | 60 | 67 | 60 | 57 | 59 | 694 |
| Marriages ..... | 385 | 336 | 289 | 398 | 385 | 370 | 272 | 280 | 378 | 425 | 430 | 442 | 4,390 |
| Births (Reported)..... | 668 | 687 | 849 | 562 | 461 | 749 | 687 | 852 | 825 | 799 | 728 | 858 | 8,725 |

Population estimated by Police Census, 500,343—White, 423,782; colored, 76,561; Total, 500,343. Total mortality during the year, 8,936; United States—White, 5,355; Foreign, 1,539; colored, 2,042; Total, 8,936. Annual death-rate per 1,000 whole population, 17.87; white, 16.26; colored, 26.50. Total births (reported), 8,725; birth-rate per 1,000 population, 17.45. Total marriages, 4,390; marriage-rate per 1,000 population, 8.78. Total still-births, 694.

## TABLE 7—Continued.

Total Number of Deaths, Monthly, in each Ward.

| Wards. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| First | 37 | 34 | 48 | 29 | 26 | 48 | 59 | 53 | 44 | 28 | 26 | 39 | 471 |
| Second | 35 | 33 | 51 | 32 | 33 | 36 | 46 | 74 | 37 | 37 | 24 | 34 | 472 |
| Third | 32 | 36 | 44 | 23 | 17 | 39 | 32 | 30 | 42 | 24 | 27 | 30 | 376 |
| Fourth | 42 | 33 | 30 | 26 | 22 | 46 | 34 | 27 | 34 | 20 | 12 | 29 | 355 |
| Fifth | 24 | 29 | 49 | 22 | 24 | 28 | 34 | 34 | 34 | 18 | 15 | 39 | 350 |
| Sixth | 38 | 43 | 58 | 36 | 33 | 52 | 59 | 53 | 51 | 31 | 43 | 41 | 538 |
| Seventh | 31 | 50 | 54 | 33 | 24 | 43 | 45 | 48 | 50 | 32 | 34 | 36 | 480 |
| Eighth | 33 | 51 | 70 | 42 | 34 | 44 | 39 | 33 | 41 | 28 | 24 | 36 | 475 |
| Ninth | 27 | 32 | 49 | 29 | 25 | 44 | 41 | 28 | 34 | 22 | 24 | 33 | 388 |
| Tenth | 37 | 31 | 32 | 26 | 27 | 30 | 28 | 22 | 21 | 24 | 17 | 24 | 319 |
| Eleventh | 16 | 20 | 38 | 26 | 34 | 45 | 32 | 21 | 25 | 16 | 23 | 36 | 332 |
| Twelfth | 43 | 36 | 60 | 58 | 40 | 57 | 74 | 61 | 49 | 37 | 27 | 50 | 592 |
| Thirteenth | 29 | 30 | 43 | 26 | 25 | 28 | 33 | 43 | 32 | 20 | 21 | 31 | 361 |
| Fourteenth | 30 | 26 | 37 | 33 | 28 | 46 | 54 | 42 | 35 | 28 | 30 | 29 | 418 |
| Fifteenth | 36 | 31 | 46 | 30 | 24 | 44 | 34 | 30 | 24 | 33 | 25 | 30 | 387 |
| Sixteenth | 27 | 24 | 44 | 23 | 16 | 24 | 31 | 24 | 32 | 19 | 20 | 33 | 317 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Seventeenth | 31 | 53 | 40 | 16 | 22 | 52 | 46 | 56 | 40 | 41 | 15 | 47 | 459 |
| Eighteenth | 28 | 33 | 48 | 34 | 37 | 46 | 75 | 75 | 44 | 35 | 42 | 43 | 540 |
| Nineteenth | 38 | 45 | 52 | 40 | 30 | 34 | 40 | 44 | 44 | 28 | 26 | 33 | 454 |
| Twentieth | 28 | 41 | 59 | 36 | 23 | 41 | 39 | 36 | 46 | 26 | 22 | 22 | 440 |
| Twenty-first | .... | .... | .... | .... | .... | 15 | 48 | 35 | 24 | 31 | 15 | 31 | 199 |
| Twenty-second | .... | .... | .... | .... | .... | 32 | 44 | 24 | 30 | 23 | 27 | 33 | 213 |
| Totals | 642 | 711 | 952 | 620 | 544 | 874 | 967 | 893 | 813 | 601 | 539 | 780 | 8936 |

## TABLE No. 7—Concluded.

The number of Births Monthly.

| Births. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| White Males | 263 | 289 | 387 | 256 | 199 | 325 | 321 | 396 | 356 | 343 | 342 | 377 | 3854 |
| White Females | 283 | 303 | 345 | 228 | 191 | 322 | 280 | 337 | 368 | 331 | 300 | 358 | 3646 |
| Total | 549 | 592 | 732 | 484 | 390 | 647 | 601 | 733 | 724 | 674 | 642 | 735 | 7500 |
| Colored Males | 56 | 48 | 67 | 45 | 28 | 52 | 42 | 65 | 62 | 68 | 46 | 63 | 642 |
| Colored Females | 66 | 47 | 50 | 33 | 43 | 50 | 44 | 54 | 39 | 57 | 40 | 60 | 583 |
| Total | 122 | 95 | 117 | 78 | 71 | 102 | 86 | 119 | 101 | 125 | 86 | 123 | 1225 |
| Illegitimate White | 8 | 9 | 15 | 8 | 7 | 11 | 15 | 18 | 10 | 11 | 7 | 15 | 134 |
| Illegitimate Colored | 20 | 13 | 24 | 14 | 19 | 20 | 10 | 19 | 19 | 26 | 15 | 21 | 220 |
| Total Illegitimate | 28 | 22 | 39 | 22 | 26 | 31 | 25 | 37 | 29 | 37 | 22 | 36 | 354 |

A. R. CARTER, *Secretary Health Department.*

## TABLE No. 8.

**Deaths from Zymotic Diseases, Consumption and Pneumonia, in each Ward, for First Quarter ending March 31, 1888.**

| Zymotic Diseases. | Wards. | | | | | | | | | | | | | | | | | | | | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| Croup | 4 | 2 | 7 | 2 | 4 | 2 | 3 | 1 | .. | .. | 1 | 1 | 3 | 4 | 1 | 3 | .. | 5 | 5 | 2 | 50 |
| Cholera | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Cholera Infantum | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| " Morbus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Diphtheria | 2 | .. | .. | 1 | .. | 1 | .. | 2 | 1 | 2 | .. | 1 | 2 | 1 | .. | 1 | 1 | 2 | .. | 3 | 20 |
| Diarrhœa | .. | 3 | .. | .. | 1 | .. | 1 | 1 | 3 | .. | .. | 3 | .. | 1 | 2 | .. | .. | .. | 1 | 2 | 18 |
| Dysentery | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 4 |
| Entero Colitis | .. | 1 | .. | .. | .. | .. | 1 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| Erysipelas | .. | .. | .. | 2 | .. | 1 | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 3 | .. | 1 | 1 | 10 |
| Fever, Cerebro Spinal | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 1 | 1 | .. | 6 |
| " Intermittent | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| " Malarial | 4 | .. | .. | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 8 |
| " Puerperal | 1 | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 1 | 2 | .. | .. | .. | .. | .. | 6 |
| " Remittent | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | 3 |
| " Scarlet | 1 | 3 | .. | .. | 2 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 1 | 1 | 14 |
| " Typhoid | 1 | .. | 2 | 2 | 1 | .. | 3 | .. | 1 | 1 | .. | 1 | .. | 2 | .. | .. | 2 | 1 | 1 | 3 | 21 |
| " Typhus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| " Typho-Malarial | .. | 3 | .. | .. | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Measles | 9 | 7 | 5 | 3 | 9 | 12 | 9 | 9 | .. | .. | 2 | 1 | 1 | 2 | 5 | 7 | 4 | 6 | 7 | 7 | 105 |
| Pyæmia | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Small Pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Septicæmia | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | .. | 1 | 4 |
| Tonsilitis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Varicella | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Whooping Cough | .. | 2 | 3 | 2 | .. | 4 | .. | 4 | .. | 2 | 1 | 4 | .. | 2 | 2 | 2 | 4 | .. | 5 | 1 | 38 |
| Total Zymotic Diseases | 22 | 22 | 17 | 12 | 18 | 25 | 19 | 20 | 9 | 7 | 5 | 11 | 7 | 14 | 14 | 18 | 17 | 17 | 24 | 22 | 320 |
| Consumption | 15 | 9 | 16 | 13 | 14 | 16 | 21 | 25 | 18 | 19 | 12 | 23 | 13 | 9 | 21 | 15 | 14 | 15 | 21 | 18 | 327 |
| Pneumonia | 8 | 27 | 10 | 10 | 21 | 21 | 15 | 29 | 18 | 15 | 10 | 18 | 14 | 10 | 14 | 12 | 35 | 15 | 17 | 16 | 335 |

## TABLE No. 8—Continued.

Deaths from Zymotic Diseases, Consumption and Pneumonia in each Ward for Second Quarter ending June 30, 1888.

| Zymotic Diseases. | Wards. | | | | | | | | | | | | | | | | | | | | | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| Croup | 1 | 2 | .. | 1 | 1 | .. | 4 | 1 | .. | 1 | .. | 1 | 1 | 1 | 1 | .. | 1 | 1 | 1 | 1 | .. | 1 | 20 |
| Cholera | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Cholera Infantum | 14 | 5 | 5 | 9 | .. | 18 | 8 | 4 | 5 | 4 | 7 | 7 | 4 | 3 | 11 | 3 | 14 | 13 | 6 | 3 | 2 | 3 | 148 |
| Cholera Morbus | 1 | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | 6 |
| Diphtheria | .. | .. | 1 | 3 | .. | 1 | .. | .. | 1 | .. | 1 | .. | .. | .. | 2 | .. | 1 | .. | 1 | 1 | .. | .. | 12 |
| Diarrhœa | 1 | 2 | .. | 1 | .. | .. | 1 | 2 | .. | .. | 1 | .. | .. | 1 | 1 | 1 | .. | 2 | 2 | .. | 3 | .. | 18 |
| Dysentery | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 3 | 1 | .. | 2 | 3 | .. | 2 | 2 | 1 | 1 | 2 | .. | 19 |
| Entero Colitis | .. | .. | .. | 1 | .. | 1 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | 6 |
| Erysipelas | 1 | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 6 |
| Fever, Cerebro Spinal | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 2 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 7 |
| " Intermittent | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| " Malarial | 1 | .. | .. | .. | .. | 3 | 1 | .. | 1 | .. | .. | 1 | .. | .. | .. | 1 | .. | 1 | .. | 1 | .. | .. | 10 |
| " Puerperal | .. | .. | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| " Remittent | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| " Scarlet | .. | 1 | .. | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 7 |
| " Typhoid | 2 | 1 | .. | .. | 1 | .. | 1 | 1 | .. | 1 | .. | 2 | 1 | 2 | 2 | 1 | .. | 1 | .. | 4 | .. | 1 | 21 |
| " Typhus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| " Typho-Malarial | .. | 1 | .. | 1 | .. | 1 | .. | 1 | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 6 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Measles | 2 | 2 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 6 | 1 | 9 | 4 | 4 | .. | 3 | 1 | 1 | 5 | 6 | .. | 1 | 62 |
| Pyæmia | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| Small Pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Septicæmia | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tonsilitis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | 2 |
| Varicella | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Whooping Cough | .. | .. | .. | 1 | .. | 1 | .. | 5 | 1 | 1 | .. | 1 | .. | 2 | 2 | 2 | .. | .. | .. | 2 | .. | .. | 18 |
| Total Zymotic Diseases | 23 | 14 | 10 | 26 | 8 | 30 | 19 | 19 | 12 | 15 | 13 | 27 | 12 | 17 | 25 | 12 | 20 | 23 | 17 | 19 | 9 | 7 | 377 |
| Consumption | 8 | 9 | 15 | 11 | 10 | 20 | 16 | 19 | 18 | 11 | 17 | 30 | 10 | 24 | 13 | 9 | 11 | 17 | 14 | 13 | .. | 1 | 296 |
| Pneumonia | 9 | 17 | 2 | 6 | 6 | 8 | 7 | 3 | 2 | 4 | 6 | 13 | 7 | 7 | 7 | 11 | 10 | 13 | 8 | 13 | .. | 3 | 162 |

## TABLE No. 8—Continued.

Deaths from Zymotic Diseases, Consumption and Pneumonia in each Ward for Third Quarter ending Sept. 29, 1888.

| Zymotic Diseases. | Wards. | | | | | | | | | | | | | | | | | | | | | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| Croup | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 1 | 1 | .. | .. | 1 | 1 | 9 |
| Cholera | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cholera Infantum | 47 | 56 | 18 | 19 | 12 | 30 | 16 | 14 | 12 | 11 | 10 | 26 | 12 | 25 | 21 | 13 | 37 | 40 | 18 | 16 | 20 | 19 | 492 |
| Cholera Morbus | 2 | 1 | 2 | .. | 2 | 2 | 3 | 1 | .. | 1 | 1 | 2 | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | 2 | 21 |
| Diphtheria | 1 | .. | 3 | 2 | .. | 2 | 1 | .. | .. | 1 | .. | 1 | .. | 2 | .. | .. | 3 | 3 | 3 | .. | 1 | 2 | 25 |
| Diarrhœa | 4 | 8 | 1 | 2 | 5 | 2 | 6 | 4 | 2 | 2 | 3 | 6 | 2 | 5 | 2 | 5 | 2 | 8 | 6 | 7 | 1 | 5 | 88 |
| Dysentery | 7 | 2 | 2 | 4 | 4 | 6 | 9 | 4 | 9 | 4 | 4 | 17 | 5 | 1 | 3 | 4 | 4 | 5 | 5 | 13 | 12 | .. | 124 |
| Entero Colitis | 3 | .. | .. | 2 | 3 | 2 | 4 | 2 | 3 | 2 | 3 | 6 | .. | 1 | .. | 1 | 1 | 5 | 2 | 3 | 2 | 3 | 48 |
| Erysipelas | .. | .. | .. | 1 | .. | 3 | .. | .. | .. | 1 | .. | 1 | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | 8 |
| Fever, Cerebro Spinal | 1 | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| " Intermittent | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | 3 |
| " Malarial | 1 | 1 | 1 | .. | 2 | .. | 1 | 2 | 1 | .. | .. | 2 | .. | 1 | .. | 2 | 3 | .. | .. | .. | .. | .. | 17 |
| " Puerperal | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 3 |
| " Remittent | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 3 | .. | .. | .. | .. | .. | 5 |
| " Scarlet | 1 | .. | .. | .. | .. | 1 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 7 |
| " Typhoid | 3 | .. | 2 | 3 | 1 | 2 | 7 | 4 | 3 | 2 | 4 | 2 | 9 | .. | 3 | 3 | 2 | 5 | 2 | 1 | 2 | 4 | 64 |
| " Typhus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " Typho-Malarial | 2 | 3 | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 2 | 1 | 1 | .. | .. | 14 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Measles | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | .. | .. | 7 |
| Pyæmia | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 3 |
| Small Pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Septicæmia | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Tonsilitis | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 2 |
| Varicella | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Whooping Cough | 1 | .. | .. | .. | 2 | .. | 2 | .. | 1 | .. | .. | 1 | 3 | 3 | .. | 3 | 2 | 3 | 6 | 1 | 1 | 1 | 30 |
| Total Zymotic Diseases | 74 | 77 | 29 | 35 | 32 | 53 | 53 | 31 | 33 | 24 | 25 | 66 | 34 | 40 | 31 | 32 | 63 | 78 | 44 | 46 | 40 | 37 | 977 |
| Consumption | 11 | 9 | 3 | 8 | 16 | 16 | 10 | 14 | 3 | 11 | 11 | 22 | 8 | 24 | 13 | 7 | 8 | 17 | 9 | 13 | 9 | 11 | 253 |
| Pneumonia | 3 | 3 | 1 | 3 | 1 | 4 | 2 | 5 | 2 | 1 | 1 | 4 | 2 | 7 | 1 | 2 | 4 | 6 | 3 | 4 | 1 | 1 | 61 |

## TABLE No. 8—Continued.

Deaths from Zymotic Diseases, Consumption and Pneumonia, in each Ward for Last Quarter, ending December 29, 1888.

| Zymotic Diseases. | Wards. | | | | | | | | | | | | | | | | | | | | | | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| Croup | 4 | 1 | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 1 | 1 | 1 | 1 | .. | 1 | .. | 1 | 1 | 1 | 4 | 19 |
| Cholera | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Cholera Infantum | .. | 3 | .. | .. | 1 | 1 | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | 3 | 1 | 1 | .. | .. | 14 |
| " Morbus | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| Diphtheria | 4 | .. | .. | 1 | 1 | 1 | 6 | 1 | .. | .. | 1 | 3 | 2 | 3 | 3 | .. | 8 | 7 | 1 | 1 | 10 | 8 | 61 |
| Diarrhœa | 1 | 3 | .. | 3 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 2 | .. | .. | 12 |
| Dysentery | 2 | 3 | .. | .. | .. | 2 | 1 | 2 | 1 | 1 | .. | .. | .. | 1 | 2 | 1 | 1 | .. | .. | 2 | 1 | .. | 20 |
| Entero Colitis | .. | 1 | .. | .. | 1 | 1 | .. | 1 | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 8 |
| Erysipelas | 1 | .. | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. | 6 |
| Fever—Cerebro Spinal | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | 3 |
| " Intermittent | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 2 |
| " Malarial | .. | 2 | .. | .. | .. | 2 | 1 | .. | .. | 1 | .. | .. | .. | .. | 2 | .. | .. | 2 | .. | .. | .. | .. | 10 |
| " Puerperal | .. | 1 | 1 | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| " Remittent | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | .. | .. | 2 | .. | .. | .. | 1 | 7 |
| " Scarlet | 1 | .. | .. | .. | .. | 2 | 4 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | 1 | .. | .. | .. | 16 |
| " Typhoid | 5 | 1 | 2 | .. | 3 | 2 | 5 | 1 | .. | 1 | 3 | 5 | 1 | 2 | .. | 3 | 4 | 2 | 4 | 2 | 4 | 5 | 55 |
| " Typhus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| " Typho-Malarial | 1 | 1 | .. | .. | .. | 2 | 3 | .. | .. | 1 | 1 | 1 | .. | .. | 1 | 1 | 1 | 1 | .. | 1 | .. | .. | 15 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Measles | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 2 |
| Pyæmia | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| Small Pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Septicæmia | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 1 |
| Tonsilitis | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| Varicella | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Whooping Cough | 1 | 5 | .. | 1 | 2 | 3 | .. | .. | 2 | 1 | .. | 1 | 2 | 2 | 2 | 1 | .. | 1 | .. | 1 | .. | 1 | 26 |
| Total Zymotic Diseases | 21 | 24 | 3 | 5 | 9 | 18 | 23 | 14 | 6 | 8 | 7 | 11 | 7 | 10 | 15 | 10 | 17 | 20 | 12 | 12 | 16 | 19 | 287 |
| Consumption | 14 | 6 | 11 | 12 | 15 | 13 | 18 | 12 | 11 | 9 | 11 | 14 | 12 | 14 | 16 | 12 | 15 | 11 | 14 | 14 | 8 | 13 | 275 |
| Pneumonia | 11 | 11 | 7 | 6 | 5 | 11 | 5 | 10 | 9 | 2 | 6 | 12 | 6 | 5 | 13 | 11 | 10 | 11 | 11 | 5 | 5 | 10 | 182 |

## TABLE No. 8—Concluded.

Deaths from Zymotic Diseases, Consumption and Pneumonia in each Ward for Year ending December 29, 1888.

| Zymotic Diseases. | Wards. | | | | | | | | | | | | | | | | | | | | | | Totals. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| Croup | 10 | 6 | 7 | 4 | 5 | 2 | 7 | 3 | 1 | 1 | 1 | 3 | 6 | 6 | 3 | 1 | 6 | 7 | 7 | 4 | 2 | 6 | 98 |
| Cholera | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| Cholera Infantum | 61 | 64 | 23 | 28 | 13 | 49 | 25 | 19 | 17 | 16 | 17 | 33 | 16 | 28 | 32 | 17 | 51 | 56 | 25 | 20 | 22 | 22 | 654 |
| Cholera Morbus | 3 | 1 | 2 | 1 | 2 | 2 | 4 | 1 | 1 | 1 | 2 | 3 | .. | .. | 1 | 1 | .. | .. | 1 | 1 | 1 | 2 | 30 |
| Diphtheria | 5 | .. | 6 | 7 | 1 | 5 | 7 | 3 | 2 | 3 | 2 | 5 | 4 | 6 | 5 | 1 | 13 | 12 | 5 | 5 | 11 | 10 | 118 |
| Diarrhœa | 6 | 16 | 1 | 6 | 7 | 2 | 9 | 7 | 5 | 2 | 4 | 9 | 2 | 7 | 6 | 6 | 2 | 10 | 9 | 11 | 4 | 5 | 136 |
| Dysentery | 9 | 6 | 4 | 4 | 4 | 9 | 10 | 6 | 10 | 5 | 7 | 18 | 5 | 4 | 8 | 6 | 7 | 7 | 6 | 17 | 15 | .. | 167 |
| Entero Colitis | 3 | 2 | .. | 3 | 4 | 4 | 5 | 3 | 7 | 3 | 3 | 6 | 1 | 1 | .. | 1 | 2 | 5 | 3 | 4 | 3 | 3 | 66 |
| Erysipelas | 2 | .. | .. | 3 | 1 | 5 | .. | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 2 | 1 | 4 | .. | 2 | 1 | .. | .. | 30 |
| Fever, Cerebro Spinal | 1 | .. | .. | .. | .. | 3 | 3 | .. | .. | .. | 1 | 3 | 2 | 1 | .. | 1 | 3 | 2 | 1 | .. | .. | 1 | 22 |
| " Intermittent | .. | 1 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 2 | .. | .. | .. | 7 |
| " Malarial | 6 | 3 | 1 | .. | 3 | 6 | 3 | 3 | 2 | 1 | .. | 3 | .. | 1 | 2 | 4 | 3 | 3 | .. | .. | .. | 1 | 45 |
| " Puerperal | 1 | 2 | 1 | 1 | 1 | .. | 2 | 2 | 1 | .. | .. | .. | .. | 1 | 2 | .. | .. | 1 | .. | 1 | .. | .. | 16 |
| " Remittent | 1 | .. | 1 | .. | 1 | .. | .. | 1 | .. | 1 | .. | .. | .. | 1 | 3 | 2 | 3 | 2 | .. | .. | .. | 1 | 17 |
| " Scarlet | 3 | 1 | .. | 5 | 3 | 4 | 6 | 5 | 1 | 2 | .. | .. | .. | 1 | 2 | 1 | 2 | 4 | 2 | 2 | .. | .. | 44 |
| " Typhoid | 11 | 2 | 6 | 5 | 6 | 4 | 16 | 6 | 4 | 5 | 7 | 10 | 11 | 6 | 5 | 6 | 9 | 9 | 7 | 10 | 6 | 10 | 161 |
| " Typhus | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| " Typho-Malarial | 3 | 8 | .. | 1 | .. | 7 | 4 | 1 | .. | 2 | 1 | 1 | .. | .. | 2 | 1 | 4 | 3 | 1 | 2 | .. | .. | 41 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Measles | 11 | 13 | 6 | 6 | 12 | 15 | 10 | 14 | 2 | 6 | 3 | 10 | 5 | 6 | 5 | 10 | 6 | 8 | 13 | 14 | .. | 1 | 176 |
| Pyæmia | 1 | ... | .. | 1 | .. | ... | ... | ... | .. | 1 | .. | 1 | 2 | 1 | .. | ... | ... | 1 | 1 | ... | ... | ... | 9 |
| Small Pox | ... | ... | .. | ... | .. | ... | ... | ... | .. | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... |
| Septicæmia | ... | ... | .. | ... | .. | ... | 1 | .. | 1 | .. | .. | ... | ... | ... | 1 | 1 | ... | 1 | .. | 1 | ... | ... | 6 |
| Tonsilitis | ... | 1 | .. | ... | .. | 1 | ... | .. | 1 | .. | .. | ... | ... | ... | ... | ... | ... | 2 | 1 | ... | ... | ... | 6 |
| Varicella | ... | ... | .. | ... | .. | ... | ... | ... | .. | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... |
| Whooping Cough | 2 | 7 | 3 | 4 | 4 | 8 | 2 | 9 | 4 | 4 | 1 | 7 | 5 | 9 | 6 | 8 | 6 | 4 | 11 | 5 | 1 | 2 | 112 |
| Total Zymotic Diseases | 139 | 133 | 61 | 81 | 67 | 126 | 114 | 84 | 60 | 54 | 50 | 115 | 60 | 81 | 85 | 68 | 121 | 138 | 97 | 98 | 65 | 64 | 1961 |
| Consumption | 48 | 33 | 45 | 44 | 55 | 65 | 65 | 70 | 50 | 50 | 51 | 89 | 43 | 71 | 63 | 43 | 48 | 60 | 58 | 58 | 17 | 25 | 1151 |
| Pneumonia | 31 | 58 | 20 | 25 | 33 | 44 | 29 | 47 | 31 | 22 | 23 | 47 | 29 | 29 | 35 | 36 | 59 | 45 | 39 | 38 | 6 | 14 | 740 |

TABLE No. 9.

# LONGEVITY.

**The following Decedents, aged Seventy Years and upwards, are reported for the Year 1888.**

WHITE MALES—*Aged 70 Years.*

Mr. Thos. McLaughlin..70
" Amos Frankforter..70
" John A. W. Pearce.70
" Wolfgang Van Torn.70
" John A. Irvin.....70
" C. G. Wilkennig...70
" Brother Justinian..70
" Jacob Green.....70
" Wm. H. Heller.....70
" Frederick Dollenger.70
" Patrick Glenn.....70
" Leroy Ross.....70
" Elmer Hewitt.....70
" Sebastian Imhoff....70
" Lucas Werneth.....70
Dr. Henry G. Bussey...70
Mr. Nison Frank.....70
" John Leppert.....70
" Lloyd M. Peters....70
" Samuel Banks, Sr..70
" Samuel Herpig.....70
" Patrick McEntie....70
" Daniel Horrigan....70
" Edward Bushell....70
" Joseph Starlack....70

*Aged 70 Years.*

Capt. Geo. W. Foxwell..70

WHITE MALES—*Aged 71 Years.*

Mr. Wolfgang Wittman.71
Capt. John L. Gibson...71
Mr. M. W. C. Thompson.71
" Geo. W. Lewis.....71
" Edward Hutson....71
" C. Eigenbrodt.....71
" John T. Gardner....71
" Andrew Schneider..71
" James A. Hayes....71
" J. S. Molherhead...71
" John A. Franck....71
" Francis Smith.....71
" Jeremiah Jones.....71
" Jacob Herzberg.....71
" William Madders...71
" David A. Yerkes...71
" Jesse Taylor.....71
" Richard Berry.....71
" John F. Hutton....71
" Elias Bowvtche.....71
" W. H. Huttenberger.71
" Peter C. Marguie...71

TABLE No. 9—Continued.

*Aged 71 Years.*

Mr. Nicholas Gill.....71
" John Bishop.....71
" Benjamin O'Hara...71
" George Funk.....71

WHITE MALES—*Aged 72 Years.*

Mr. John N. Schaab....72
" James Fields.....72
" James L. Thomas...72
" John H. Thiemyer..72
" Conrad Thim.....72
" Andrew Byrne.....72
" Evan P. Coulter....72
" N. F. Blacklock....72
" John H. Kiel.....72
" Joseph S. Cromwell.72
" Michael Muller.....72
" George L. Bower...72
" William Hipkins...72
" William H. Gray...72
" William Stansbury.72
" Jesse M. Cullison...72
" M. Abrams.....72
" Thomas Neal.....72

WHITE MALES—*Aged 73 Years.*

Mr. David McClain.....73
" W. T. Severe.....73
" James McDougel...73
" James Dwyer.....73
" J. J. Robinson.....73
" John Simpson.....73
" David Stern.....73
" Alexander Bradley..73

*Aged 73 Years.*

Mr. John A. Jenney....73
" F. T. Meisenhalter..73
" Simon Meyer.....73
" Timothy Albrecht..73
" John Miller .....73
Dr. Robert F. Neely....73
Mr. Joseph Domling....73
" Jacob Reader .....73
Rev. J. S. Martin, D. D.73
Mr. John Russ.....73
" William D. Shurtz..73
" James McDonnell...73
" Bernard Duffy .....73
" James McDonnell...73
" William Rothrock..73
" Joseph R. Manaca..73
" George Malter.....73
" Elisha Karr.....73
" John F. Tauber.....73
" H. D. Rhinehardt..73
" James Reid.....73
Capt. Alexander Tyler..73
Mr. John Reus.....73
" Mr. John Hays.....73

WHITE MALES—*Aged 74 Years.*

Capt. Gassaway Tucker.74
Mr. Moritz Helb.....74
" John North.....74
" Samuel D. Reed...74
" Wm. H. Collins....74
" Alexander Reiman..74
" Mendel Stiebel.....74
" Isaac Noblet.....74

TABLE No. 9—Continued.

*Aged 74 Years.*

Mr. Simon Hilb.....74
" Wm. H. Collins....74
" John Piercy.....74
" Joseph M. Hooper..74
" Jacob Forrest.....74
" William Ritter.....74
" Meyer Salabis.....74
" Wm. Coulter.....74
" Christian Bole.....74
" Thomas Rottman...74

WHITE MALES—*Aged 75 Years.*

Mr. Thomas Browne....75
" George M. Kruger...75
" George Frainer, Sr..75
" John W. Krupps...75
" Charles Chambers...75
" George Arthur.....75
" Richard P. Smith..75
" John Wile.....75
" Marcus Adler.....75
" Nelson Rozier.....75
" Adam Suchs.....75
" Joseph Clendennin..75
" William White.....75
" William Shannon...75
" James Deaver.....75
" J. H. Kalbelege....75
" Henry Vanlill.....75
" Geo. W. Howard...75
" Wilhelm Roscher...75

WHITE MALES—*Aged 76 Years.*

Lieut. Wm. A. Bailey..76

*Aged 76 Years.*

Mr. Frederick Simmont.76
" Michael Grenzer....76
" John Thomson.....76
" Joseph Lamb.....76
" Alfred McLane.....76
" Isaac Hartman.....76
" John F. P. Jensen..76
" Philip A. Smick....76
" Michael Jones.....76
" Andrew Heasey....76
" William Raabe.....76
Dr. William T. Jones...76
Mr. John N. Pritchard..76
" Lawrence L. Gilder.76
" John Chambers.....76
" Thomas Penn.....76
" Andrew Weinkam..76
" Charles Cannoles...76
" John Bingham.....76

WHITE MALES—*Aged 77 Years.*

Dr. Elisha H. Perkins..77
Mr. Malachi Blondell..77
" John Wepler.....77
" Ludwig Johns.....77
" Jonas Goldsmith....77
" C. C. Hinman.....77
" Thomas Kuebler....77
" Andrew Utz.....77
" Jacob Brunner.....77
" Gabriel Hitchcock..77
" James Neill.....77
" Henry Decker.....77
" Joseph G. Monroe..77

TABLE No. 9—Continued.

*Aged 77 Years.*

Mr. Anthony Dausch...77
" Thomas Adler.....77
" Balsal Wagner.....77
" H. H. Barlage.....77
" John M. Wahl.....77
" Joseph Y. Ford.....77
" Louis Baumgarten..77
" Ernest W. Plack...77
" James Foreman.....77
" John Roder.....77

WHITE MALES—*Aged 78 Years.*

Captain Wm. Hubbard..78
Mr. Rob. Lumsden, Sr...78
" John Shannahan....78
" John B. Hand.....78
" Samuel B Hopkins.78
" William D. Miller..78
" Wm. Hengemuihle..78
" Philip Emerich.....78
" John W. Wilson....78
" John Gruckart.....78
" Henry Most.....78
" Henry M. Rowe ....78
" Lewis Turner.....78
" Thomas Quinn.....78
" James S. Leary.....78
" William Ball.....78
" Andrew Schneider..78
" Louis Schaub.....78
" Henry E. Huber....78
" Joseph Eldridge....78
" John Mullen.....78
" John T. Murray....78

*Aged 78 Years.*

Mr. John Schultheis....78
" James G. R. Taylor.78

WHITE MALES—*Aged 79 Years.*

Rev. Edward J. Sourin.79
Mr. D. Schillinberg.....79
" Alex. McKenzie....79
" J. C. A. Smith.....79
" F. W. Burkamp....79
" John G. Bitters....79
" Herman Peltzer.....79
" Barth Sessel.....79
" Richard Share.....79
" Robert S. Murray..79
" Michael Cornell....79
" Scott Hughes.....79
" Wm. Meeks.....79
" Wm. Carmichael...79
" John C. Brough....79
" August Wiekel.....79
" G. Schwarzenberger.79
" Geo. F. R. Waische.79
" Jacob Walschmidt..79

WHITE MALES—*Aged 80 Years.*

Mr. Francis J. Robinson.80
" Michael Daniel.....80
" James Adams.....80
" Henry C. Winkee..80
" Luke Cassiday.....80
" Christian H. Meyer.80
" Michael C. Kolb....80
" James M. Brown....80

## TABLE No. 9—Continued.

*Aged 80 Years.*

Mr. Sam'l Landauer....80
" Henry Rithmiller...80
" Wm. Heisterman...80
" Thomas S. Clark....80
" Theodore Geilfus....80
Rev. W. B. Edwards, D. D. 80

WHITE MALES—*Aged 81 Years.*

Mr. John Mark.....81
" Jesse J. Amos.....81
" Stephen Bridge.....81
" Patrick Shortell....81
" Charles Meier.....81
" John M. Weimar...81
" Andrew Koehner...81
" George Bond.....81
" James Welsh.....81
" Aug. Wolfangel....81
" Gerhart H. Reipe...81
" Chas. E. Wethered..81
" Wm. A. McLanahan.81

WHITE MALES—*Aged 82 Years.*

Mr. A. S. Abell.....82
" Austin Jenkins.....82
" Adam Gehring.....82
" Adam Wentzell.....82
" Andrew Meyer.....82
" John Malcahy.....82
" Henry Kness.....82
" Fred. Schultz.....82
" John Moran.....82
" Wm. Meehann.....82
" Sam'l Suckers.....82

*Aged 82 Years.*

Mr. E. W. Dukehart...82
" William Wallace...82
Pr. W. E. A. Aiken, M.D. 82
Captain Wm. Costigan..82

WHITE MALES—*Aged 83 Years.*

Mr. Conrad Schafer.....83
" Adam Dickhart.....83
" David Hess.....83
" Adam Walter.....83
" John F. Barringer..83
" William Gent.....83
" John Stephenson....83
" Owen Cassiday.....83
" John Kircher.....83
Dr. Ferd. E. Chatard...83
Mr. Selar Barton.....83
" T. J. Wentworth...83
" Joseph Abinskion...83

WHITE MALES—*Aged 84 Years.*

Mr. Peter Miller.....84
" Sam'l Rozenstock...84
" Thomas W. Levering. 84
" John Hancocks.....84
" George Rupp.....84
" Jacob Houck.....84
" John Annan.....84
" A. Kaufman.....84
" Thomas Kenney....84
" Victor Diffy.....84

WHITE MALES—*Aged 85 Years.*

Mr. Henry J. Powell....85

TABLE No. 9—Continued.

*Aged 85 Years.*

Mr. Nathan Meyers....85
" Thomas Bawn.....85
" Charles Davidson...85
" John Gorland.....85
" Stephen Simmonds..85
" Christian Fungling..85
" William Schaum....85
" J. J. Cunningham...85

WHITE MALES—*Aged 86 Years.*

Gen. Isaac R. Trimble..86
Mr. David McGall.....86
" Richard Taylor.....86
" Christian C. Linck..86
" J. V. Horn.....86

WHITE MALES—*Aged 87 Years.*

Judge John K. Carroll..87
Mr. Samuel Phillips....87
" James Rial.....87
" Sam'l J. Garrison...87
" Cobie Lanahan.....87
" Christian Nighoff...87
" Joseph Blum.....87
" Martin N. Cooney..87
" Luke Kendall.....87
" Fred'k Lindenberg..87

WHITE MALES—*Aged 88 Years.*

Mr. John H. Cook.....88
" Patrick O'Grady...88

*Aged 88 Years.*

Mr. Wm. G. Wetherall.88
" John Gartride.....88

WHITE MALES—*Aged 89 Years.*

Mr. Edward Coleman...89
" Thomas Mules.....89
" Henry Bibie.....89
" John Conroy.....89
" James Quinn.....89

WHITE MALES—*Aged 90 Years*

Mr. Arch. Stirling, Sr...90

WHITE MALES—*Aged 91 Years.*

Mr. Jacob Miller.....91

WHITE MALES—*Aged 92 Years.*

Mr. Leppman Hoffman..92

WHITE MALES—*Aged 93 Years.*

Mr. Nathaniel Watts...93
" James C. Morford..93

WHITE MALES—*Aged 97 Years.*

Mr. Wm. G. Tankersly .97

WHITE MALES—*Aged 98 Years.*

Mr. Jacob Hemmick....98

WHITE MALES—*Aged 109 Years.*

Mr. Bernard Reily....109

TABLE No. 9—Continued.

WHITE FEMALES—*Aged 70 Years.*

Miss Julia Riley.....70
Mrs. Mary Burke.....70
" Elizabeth Reed....70
" Elizabeth F. Taylor 70
" Elizabeth Bauer....70
" Elizab'h J. McClure 70
" Eliza S. Maughn...70
" Catharine Dudley..70
" Catharine F. Baum.70
" C. H. Barthy.....70
" Sarah A. Price....70
" Sarah J. Fennel....70
" Rossina Kirby ....70
" Clansey Bartel.....70
" Julia A. Meyer....70
" Susan Jones.....70
" Katie Bowitski....70
" Henrietta Baer....70
" Rebecca E. Moore..70
" Mary A. Werrig...70
" A. E. Kornmann...70
" A. R. De Mangin..70
" M. Shellenslager...70
Miss Emily Keller.....70

WHITE FEMALES—*Aged 71 Years.*

Miss Jane H. Edwards..71
Mrs. Rachel F. Hughes..71
" Elizabeth A. Wells.71
" Alersee Dresker....71
" Martha C. Webster.71
" Mary Welsh.....71
" Mary A. Hamilton.71

*Aged 71 Years.*

Mrs. Johanna Regel....71
" Justina France....71
" Mary E. Gunther..71
" Louisa Itzinger....71
" Anna Wieskamp...71
" Sarah Kinneman...71
" Julia Keily.....71
" Mina Rubert.....71
" S. H. R. Nicholson.71
" Jane Rayner.....71
" Mary Hoffman.....71
" Kathar'e Cramblet.71
" Anne Pugh.....71
Miss Margaret McCosker 71
" Caroline Ellender..71
Mrs. Mary A. Stansbury.71

WHITE FEMALES—*Aged 72 Years.*

Miss Mary Smith.....72
Mrs. Sarah McAfee.....72
" Fredericka Staub..72
" Fredericka Layer..72
" Isabella Flynn.....72
" Margaret Appel...72
" Constance Schultz..72
" E. A. D. Harper...72
" Elizabeth Shum....72
" Sophie Tayman....72
" A. B. Greensfelder.72
" Catherine Gernest..72
" H. B. S. Mathews..72
" Alice Sanderson...72
" Marg't Fitzpatrick.72
" Jane Benjamin....72

## TABLE No. 9—Continued.

*Aged 72 Years.*

Mrs. Rose Rea.....72
" M. A. Y. Penniman.72
" Fanny Frank.....72
" Eva Lorentz.....72

WHITE FEMALES—*Aged 73 Years.*

Miss Mary G. Farland..73
" Mary A. Stone....73
" Naomi E. Sellers..73
Mrs. Rachel Cohen.....73
" Martha L. Berry..73
" Crisandrie Gough..73
" Jane C. Moore.....73
" Sarah A. Sanders..73
" Mary W. Gibson..73
" Mary Smith.....73
" Eliza A. Gorden...73
" Rachel Guyton....73
" Sophie Bainbridge.73
" Mary A. Smith....73
" Elizabeth Lentz...73
" Cath. Assberger...73
" Mary A. Leaverton.73
" Elizabeth Somers..73
" J. C. McConn.....73
" C. H. Kriete.....73
" Marie A. Watkins.73
" Gertrude Quenton.73
" Sophie Osborn.....73

WHITE FEMALES—*Aged 74 Years.*

Mrs. Catharine Seyner..74
" Mary Dunlap.....74
" M. Gluckstein.....74

*Aged 74 Years.*

Mrs. Margaretha Mack..74
" Elizabeth A. Young 74
" Barbara Raps.....74
" Matilda Macubbin.74
" Julia A. Wiley ...74
" Eliza Edmunds....74
" M. A. Monmonier..74
" Dorotha Goldsmith 74
" Sarah N. Busey...74
" Catharine Yaeger..74
" J. A. Montague....74
" Mary Schinning....74
" Elenora S. Rollins.74
" Jane Gondy.....74
" Margaret J. Mettee 74
" E. Fleckenstein....74
" Elizabeth Snyder...74
" E. Cunningham....74
" Rachael G. Triplett 74
" Margaret Boehr....74

WHITE FEMALES—*Aged 75 Years.*

Miss Emily J. Smith....75
" Pauline Hall.....75
" Margaret Barry....75
" Amanda E. Barnett 75
Mrs. Barbara Reis.....75
" Mary A. Hackett..75
" Marg't Pamphilion.75
" Sarah A. Monroe...75
" Jane Burton.....75
" Sarah A. Price....75
" Mary Curtis.....75
" Elizabeth Neuman.75

## TABLE No. 9--Continued.

*Aged 75 Years.*

Mrs. Ann Mulligan . . . 75
" Margaret Dare . . . . . 75
" Sarah C. Evans . . . . 75
" Elizabeth Bowers . . 75
" Charlotte Bobert. . . 75
" Catharine Smith . . . 75
" Mary Gorman. . . . . 75
" Josephine Kriger . . 75

WHITE FEMALES—*Aged 76 Years.*

Miss Susannah Zorn . . . . 76
" Teresa Winan. . . . . 76
" Elizabeth Barnett . 76
Mrs. Elizabeth Ross . . . . 76
" Sarah C. Wilmer . . 76
" Wilhelmina Gaul . . 76
" Ann E. Ashcroft . . . 76
" Margaret Segert . . . 76
" Martha Michael . . . 76
" Cath. M. Eberlein . 76
" Ellen O. Gorman . . 76
" Sarah Lewyt . . . . . 76
" Martha A. Austen . 76
" Eva Pfortner. . . . . 76
" Rebecca Johnson . . 76
" Mary E. Welden . . 76
" Mary Umbridge . . . 76
" Ruth Childs . . . . . 76
" Kathrine Schockell. 76
" Eva Hammel . . . . . 76
" C. E. Richardson . . 76
" Philipine Dietsch . . 76

WHITE FEMALES—*Aged 77 Years.*

Miss Elizab'h A. Jessop. 77
" Ann M. Bauer . . . . 77
Mrs. Marg't B. McKim. . 77
" Ann M. Budsall . . . 77
" Ann M. Evans . . . . . 77
" Ann E. Duvall . . . . 77
" R. A. Waggner . . . 77
" Susan Hooper . . . . . 77
" Mary C. Hadaway . 77
" Lucy A. Wamling. 77
" S. Bartholomaues . . 77
" Bridget Dolan. . . . . 77
" Regina Haupt. . . . . 77
" A. M. Strohlein . . . 77
" Jane E. Miller . . . . . 77
" C. Bradenberger . . . 77
" Elmira S. Campbell. 77
" Eliza Baker . . . . . 77
" Annie Kelly. . . . . 77
" P. R. Bateman . . . . 77
" Sarah Ware . . . . . 77
" Barbara Blum . . . . . 77
" C. G. Ohrenschall. . 77
" Mary A. Child . . . . 77
" Anne E. Seibel . . . . 77

WHITE FEMALES—*Aged 78 Years.*

Miss Martha C. Seaver . . 78
" Rachel Reddish . . . 78
Mrs. Eleanor Gayton . . . 78
" Barbara Ubell. . . . . 78
" Frances Livingston. 78

TABLE No. 9—Continued.

*Aged 78 Years.*

Mrs. Eleanor H. Debow.78
" Veronica Kritzman.78
" Sarah A. Arthur...78
" Annie C. Allbaugh.78
" Caroline Blum....78
" Ann M. Miller....78
" Casandra A. Coule.78
" E. A. Kinghorn....78
" Mary W. Moale...78
" Mary E. Brown....78
" Mary Albrecht....78
" Sarah E. Frozzell...78
" Elizabeth Bennett.78
" Elizabeth Baltz....78
" Juliana Schubert..78
" Rachael Ann Perry.78
" Hannah Katz.....78
" Prudence Kendale.78
" Elizabeth Brown...78
" Ellen Stevens.....78
" Dorothea Yoe.....78
" Sophie Nittel.....78

WHITE FEMALES—*Aged 79 Years.*

Miss S. R. D. Haubert..79
Mrs. Johanette Muth...79
" Maud Morris.....79
" Marie Zingleng....79
" Mary A. Watts....79
" Margarett A. Smith.79
" Annie C. Resch....79
" Anna H. Wieman.79
" Elizabeth A. Jones.79

*Aged 79 Years*

Mrs. Sarah C. White...79
" Susan Maslin.....79
" Anna K. Muller...79
" Henrietta Sperl....79
" Esther Fox.....79
" Emily Perry.....79
" Mary Lynch.....79

WHITE FEMALES—*Aged 80 Years.*

Miss Eleanor Slaughter.80
" Mary Riordon.....80
Mrs. Cath. Schneider...80
" Emily McKinley...80
" Eliza Holtzman....80
" Sarah A. Cannoles.80
" Amelia Levering...80
" Mary A. Cooper...80
" Sarah A. Marshall.80
" Annie M. Lebborz.80
" Elizab'th P. Tottle.80
" Sarah R. Baker...80
" Mary Quinn.....80
" Cath. Reinmetz....80
" Ellen Casserley....80
" Elizab'h Drinkaus.80
" Judith B. Savage..80
" C. Heinzerling.....80
" Mary Condlen.....80
" Elizab'h Robinson.80
" E. Strobecker.....80
" Jane M. Neely ....80
" Mary Cramp.....80
" Alice Kavanaugh..80

TABLE No. 9—Continued.

WHITE FEMALES—*Aged* 81 *Years.*

Miss Mary M. Davis....81
" Mattie L. Buckler.81
Mrs. Mina Weinman...81
" Mary Heimeyer....81
" W. Tuerke.....81
" Wilhelmina Trunt.81
" Ann M. Saenger...81
" Anna M. Rose.....81
" Sophia A. Ray....81
" Cath. Hergenheim.81
" Susan Maguire....81
" Mary Lighthunger.81
" Susan Davis.....81
" Leah Smyser.....81

WHITE FEMALES—*Aged* 82 *Years.*

Mrs. Susan Wolf.....82
" Mary A. Hammond.82
" Josephine Johnson.82
" Eliza Garvish.....82
" Rebecca A. Ward.82
" Isabella Barker....82
" Mary Temme.....82
" Fredericka Schultz.82
" Margaret Hain....82
" Annie R. Litz.....82
" M. Herschfeldt....82
" Susan Davis.....82
" Margaret Wise....82
Miss Mary Doughaday.82
Mrs. Ann Crawford.....82
" Elizabeth Kerr.....82
" Katharine Kessler..82
" Esther F. Anderson.82

*Aged* 82 *Years.*

Mrs. Mary A. Hindes...82
" M. Simpson.....82
" M. Glotzback.....82
" Rebecca Trueheart.82

WHITE FEMALES—*Aged* 83 *Years*

Mrs. Ann M. Fischer....83
" Elizabeth Stewart..83
" Angeline Purnell..83
" Mary Berne.....83
" Hannah Paterson...83
" Catharine Henry...83
" Minkle Hess.....83
" A.K.M.Middendorf83
" Mary Cokely.....83
" Annie M. Poisal...83
" Elizabeth Rose....83
" Anne Garvey.....83
" Sallie Smith.....83
" Sarah C. Lewis....83
" Rosina Kercher....83
" Catharine Wallace.83
" Annie M. Hahn....83
" Margaret Cottrell..82
" Marie Kaiser.....83
Miss Eliza Flood.....83
" E. C. Nicholson....83
Sister Mary A. Connelly 83
Mrs. Susan Connelly....83
" Ann Waters.....83
" Wilhelmina Becker 83

WHITE FEMALES—*Aged* 84 *Years.*

Miss Jane M. Andrews..84
Mrs. Susan Lawrence....84

TABLE No. 9—Continued.

*Aged* 84 *Years.*

Mrs. Annie Wilson.....84
" Bridget Blake.....84
" A. M. Lee.....84
" Eliza Guyton.....84
" Ellen McElroy.....84
" Sarah M. Shelton..84
" Eliza Reeder.....84
" Agnes King.....84
" Sarah R. Pope....84
" Annie C. Adams...84
" Catherine Reiserer.84

WHITE FEMALES—*Aged* 85 *Years.*

Mrs. Bridget Stricker...85
" C. A. Timmermann.85
" M. P. Huppman...85
Miss Mary McNeal.....85
" Frances A. Everist.85
Mrs. Martha Scanlon...85
" Catharine McCann.85
" Hannah Pendexter.85
" Julia J. Baugher..85
" Eliza S. McIntire..85
" Rachel Wolf.....85
" Regina Koehler....85
" Susan McDonnell..85
" M. T. Osbourne....85
" Kathrine Horten...85
" Jane Furlong.....85
" Marg't Thallaher..85
" Margaret Smiley..85
Miss Mariah Crawford..85
Mrs. Sarah Ann Woods.85

WHITE FEMALES—*Aged* 86 *Years.*

Mrs. Cath. Tennison....86
" Sarah A. Bond....86
" Jemima Bishop....86
" Eliza Steigelman..86
" Deliah Day.....86
" Rachel W. Lalley..86
" Ann Phillips.....86
" R. Chamberlain...86
" Rachel Knox.....86
" Martha Moore.....86
" Caroline McCeney.86
" Edith B. Scott....86
" Annie E. Waters..86
" Hannah McKnew..86
" Honor France.....86

WHITE FEMALES—*Aged* 87 *Years.*

Mrs. Keziah Fowler....87
" Margaret Murphy.87
" Sarah Fields.....87
" Catharine Hauser..87

WHITE FEMALES—*Aged* 88 *Years.*

Miss Mary Mooney.....88
Mrs. Ann Wynn.....88
" Ann McLeary.....88
" Johanna C. Sachs..88
" Catharine Barron..88
" Rebecca Boring....88
" Helen M. Wyville.88
" Eliza Loker.....88
" Nancy B. Morgan.88

## TABLE No. 9—Continued.

WHITE FEMALES—*Aged 89 Years.*

Mrs. Eliza Johnson ....89
" Cath. Dillaway....89

WHITE FEMALES—*Aged 90 years.*

Miss Catharine Struthoff .....90
Mrs. Susan Ehrman ....90
" Margaret Dulthorn 90
" Rachel Elliott.....90
" Marie Ramo.....90
" Susan O. Mayer....90

WHITE FEMALES—*Aged 91 years.*

Mrs. Charlotte Reinhardt.....91
" Fanny Harrington.91
" Charlotte Carnes...91
" Jane Bier.....91

WHITE FEMALES—*Aged 92 years.*

Miss Martha Griffith....92
Mrs. Mary Sampson ....92
" Mary A. Bowers...92

WHITE FEMALES—*Aged 93 years.*

Miss Sarah Parker.....93

*Aged 93 Years.*

Miss Eliza M. Friday...93
Mrs. Kathrine Youngman .....93
" Dora Gropp.....93
" Keziah Canby.....93
" Eleanore Carlile...93

WHITE FEMALES—*Aged 94 years.*

Mrs. Margaret Kerns ...94
" Jane Bacon .....94

WHITE FEMALES—*Aged 95 years.*

Mrs. Margaret Terna...:95

WHITE FEMALES—*Aged 96 years.*

Mrs. Sarah McGee.....96

WHITE FEMALES—*Aged 97 years.*

Mrs. Julia Williams....97
" Elizabeth Seeger...97

WHITE FEMALES—*Aged 99 years.*

Mrs. Henrietta Harrigan.....99

WHITE FEMALES—*Aged 100 years.*

Mrs. Sarah Bessee.....100

TABLE No. 9—Continued.

COLORED MALES—*Aged 70 Years.*

Mr. Joseph Heighe.....70
" Abram Harris.....70
" Allen Reed.....70
" Richard Johnson...70
" Louis Scott.....70
" James Bagwell.....70
" Israel Bowen.....70
" John Hensen.....70

COLORED MALES—*Aged 72 Years.*

Mr. James Blackiston..72
" George W. Johnson.72
" Zach. Richardson..72

COLORED MALES—*Aged 74 Years.*

Mr. Joseph Bryant.....74
" Alex Brooks.....74
" John W. Johnson..74
" Jacob Harris.....74

COLORED MALES—*Aged 75 Years.*

Mr. Sam'l C. Williams..75
" Perry Scott.....75
" Charles Stewart....75
" John Miller.....75

COLORED MALES—*Aged 76 Years.*

Mr. Thomas Jones.....76
" Henry Jones.....76

COLORED MALES—*Aged 78 Years.*

Mr. James Anderson....78

COLORED MALES—*Aged 80 Years.*

Mr. Andrew Dockings..80

*Aged 80 Years.*

Mr. Adam Carter.....80
" L. Parker Bevan....80

COLORED MALES—*Aged 81 Years.*

Mr. Prince Jones.....81
" Washington Adams.81
" Charles Nichols....81
" Hazelton Thomas..81

COLORED MALES—*Aged 82 Years.*

Mr. George W. Tripp...82

COLORED MALES—*Aged 83 Years.*

Mr. Andrew Wisher....83

COLORED MALES—*Aged 84 Years.*

Mr. David Jones.....84

COLORED MALES—*Aged 85 Years.*

Mr. Lloyd Phillips.....85
" Sam'l J. Kelly.....85

COLORED MALES—*Aged 89 Years.*

Mr. Mark Morton.....89

COLORED MALES—*Aged 93 years.*

Mr. Edward Travers....93

COLORED MALES—*Aged 97 years.*

Mr. Thomas Benson....97

COLORED MALES—*Aged 102 years.*

Mr. W. Blackiston....102

COLORED MALES—*Aged 104 years.*

Mr. James Morris.....104

TABLE No. 9—Continued.

COLORED FEMALES—*Aged 70 years.*

Miss Rachel Jackson...70
Mrs. Mary Hazelton....70
" Mary A. Wilson ..70
" Mary E. Hurbert...70
" Mary A. Wilson....70
" Rebecca Sanders....70
" Linda Shaford.....70
" Rose Jackson.....70

COLORED FEMALES—*Aged 71 years.*

Miss Julia West .....71
Mrs. Margaret Willmer.71

COLORED FEMALES—*Aged 73 Years.*

Mrs. Keziah Thomas....73

COLORED FEMALES—*Aged 74 Years.*

Mrs. Annie Jackson....74
" Rebecca Butler....74

COLORED FEMALES—*Aged 75 Years.*

Mrs. Lucy Richardson..75
" Martha Jackson...75
" Phœdie Jones ....75
" Sophia Johnson...75
" Fannie Granby....75
" Mary Butler.....75

COLORED FEMALES—*Aged 76 Years.*

Miss Matilda Prime....76
Mrs. Marie Morris.....76

COLORED FEMALES—*Aged 77 Years.*

Mrs. Rosette Fisher....77
" F. A. Thompson...77
" Mary Johnson.....77

COLORED FEMALES—*Aged 78 Years.*

Mrs. Elizabeth Dyke ...78
" Charity Gilbert....78
" Elizabeth Haley...78
" Lilly Cooper .... .78

COLORED FEMALES—*Aged 79 Years.*

Miss Sarah A. Maxfield 79
Mrs. Charlotte A. White 79
" Martha Williams..79

COLORED FEMALES—*Aged 80 Years.*

Mrs. Rachel Williams..80
" Nancy Woolford ..80
" Dorcas Blake.....80
" Agnes E. Magness.80
" Margaret Cook....80
" Mary Snowden ....80
" Harriet Johnson...80
" Susan Barnes.....80

COLORED FEMALES—*Aged 81 Years.*

Mrs. Sidney Butler.....81

COLORED FEMALES—*Aged 82 Years.*

Miss Susan Gibson .....82
Mrs. Emily Jackson....82
" Margaret Skinner..82

## TABLE No. 9—Continued.

COLORED FEMALES—*Aged* 83 *Years.*

Mrs. Jane Folks.....83

COLORED FEMALES—*Aged* 84 *Years.*

Mrs. Susan A. Shields..84
" Eustatia Hardy....84
" Phoebe Smith.....84
" Emeline Hewitt....84

COLORED FEMALES—*Aged* 85 *Years*

Miss Susan Boston .....85
Mrs. Susan Scott.....85
" Patsey Blue.....85
" Priscilla Cornish..85
" Rebecca Mathews..85

COLORED FEMALES—*Aged* 86 *Years.*

Mrs. Jane Carter.....86
" Ellen Simons.....86

COLORED FEMALES—*Aged* 87 *Years.*

Mrs. Sallie Anthony....87
" Susan Pipes.....87

COLORED FEMALES—*Aged* 88 *Years.*

Mrs. Milly Hamilton...88

COLORED FEMALES—*Aged* 89 *Years.*

Mrs. Martha A. Steward.89

*Aged* 89 *Years.*

Mrs. Mary A. Johnson..89

COLORED FEMALES—*Aged* 90 *Years.*

Miss Anne James.....90
Mrs. Rachel Saulsbury.90
" Harriet Sprigs....90
" Annie Smallwood..90
" Mary Newton.....90

COLORED FEMALES—*Aged* 93 *Years.*

Mrs. Cath. Freeman....93

COLORED FEMALES—*Aged* 100 *Years.*

Mrs. Mary A. Jefferson.100

COLORED FEMALES—*Aged* 102 *Years.*

Mrs. Lucy Johnson....102

COLORED FEMALES—*Aged* 104 *Years.*

Mrs. Marie Harris....104
" Susan Jackson...104

COLORED FEMALES—*Aged* 106 *Years.*

Mrs. Jane Gent.....106

COLORED FEMALES—*Aged* 110 *Years.*

Mrs. Eliza Anderson..110

## TABLE No. 9—Concluded.

LONGEVITY, 1888—RECAPITULATION.

31 White males between 70 and 109 years. Total years, 25,666; averaging 76 years 6 months.

398 White females between 70 and 100 years. Total years, 31,460; averaging 78 years 10 months.

39 Colored males between 70 and 104 years. Total years, 3,070; averaging 78 years 7 months.

72 Colored females between 70 and 110 years. Total years, 5,897; averaging 81 years 10 months.

Total 840 aged decedents, 66,093 years; averaging 78 years 8 months.

A. R. CARTER, *Secretary Health Department.*

# TABLE I.

Showing the Actual Mortality in the City of Baltimore for the Year 1888, and for each Month, according to Age, Sex, Race and Nativity.

## THE YEAR.

| Age. | Native White. | | | Foreign White. | | | White. | | | Colored. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 286 | 208 | 494 | ... | ... | ..... | 286 | 208 | 494 | 112 | 83 | 195 | 398 | 291 | 689 |
| 1 to 11 mos.. | 716 | 657 | 1,373 | 7 | 9 | 16 | 723 | 666 | 1,389 | 260 | 265 | 525 | 983 | 931 | 1,914 |
| 1 to 4 years. | 488 | 448 | 936 | 12 | 16 | 28 | 500 | 464 | 964 | 196 | 189 | 385 | 696 | 653 | 1,349 |
| 5 to 9 " | 93 | 83 | 176 | 7 | 8 | 15 | 100 | 91 | 191 | 35 | 40 | 75 | 135 | 131 | 266 |
| 10 to 14 " | 44 | 39 | 83 | 5 | 4 | 9 | 49 | 43 | 92 | 15 | 23 | 38 | 64 | 66 | 130 |
| 15 to 19 " | 68 | 74 | 142 | 10 | 6 | 16 | 78 | 80 | 158 | 27 | 41 | 68 | 105 | 121 | 226 |
| 20 to 24 " | 117 | 107 | 224 | 21 | 28 | 49 | 138 | 135 | 273 | 36 | 42 | 78 | 174 | 177 | 351 |
| 25 to 34 " | 207 | 241 | 448 | 53 | 40 | 93 | 263 | 282 | 545 | 76 | 91 | 167 | 339 | 373 | 712 |
| 35 to 44 " | 189 | 145 | 334 | 103 | 75 | 178 | 299 | 221 | 520 | 101 | 83 | 184 | 400 | 304 | 704 |
| 45 to 54 " | 143 | 125 | 268 | 138 | 120 | 258 | 288 | 246 | 534 | 73 | 75 | 148 | 361 | 321 | 682 |
| 55 to 64 " | 107 | 112 | 219 | 174 | 150 | 324 | 284 | 263 | 547 | 35 | 44 | 79 | 319 | 307 | 626 |
| 65 to 74 " | 127 | 145 | 272 | 183 | 161 | 344 | 314 | 309 | 623 | 41 | 51 | 92 | 355 | 360 | 715 |
| 75 to 84 " | 79 | 113 | 192 | 99 | 118 | 217 | 179 | 232 | 411 | 20 | 42 | 62 | 199 | 274 | 473 |
| 85 and over... | 16 | 52 | 68 | 21 | 23 | 44 | 37 | 75 | 112 | 10 | 27 | 37 | 47 | 102 | 149 |
| All ages ... | 2,680 | 2,549 | 5,229 | 833 | 758 | 1,591 | 3,538 | 3,315 | 6,853 | 1,037 | 1,096 | 2,133 | 4,575 | 4,411 | 8,986 |

NOTE.—There died during the year in the city of Baltimore 25 white males and 8 white females, whose birthplace was unknown. In the following tables, wherever a distinction is made as to nativity, such persons are not included, but are included under their proper heads in all other columns.

TABLE I—Continued.

JANUARY.

| Age. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. |
| Under 1 month | 15 | 18 | 33 | .... | .... | .... | 15 | 18 | 33 | 11 | 6 | 17 | 26 | 24 | 50 |
| 1 to 11 mos.. | 44 | 29 | 73 | .... | 1 | 1 | 44 | 30 | 74 | 23 | 16 | 39 | 67 | 46 | 113 |
| 1 to 4 years. | 51 | 35 | 86 | .... | .... | .... | 51 | 35 | 86 | 20 | 16 | 36 | 71 | 51 | 122 |
| 5 to 9 " | 7 | 6 | 13 | .... | 2 | 2 | 7 | 8 | 15 | 1 | 3 | 4 | 8 | 11 | 19 |
| 10 to 14 " | 3 | 3 | 6 | 1 | 1 | 2 | 4 | 4 | 8 | 1 | .... | 1 | 5 | 4 | 9 |
| 15 to 19 " | 4 | 5 | 9 | 2 | .... | 2 | 6 | 5 | 11 | .... | 2 | 2 | 6 | 7 | 13 |
| 20 to 24 " | 13 | 9 | 22 | .... | 1 | 1 | 13 | 10 | 23 | 4 | 4 | 8 | 17 | 14 | 31 |
| 25 to 34 " | 15 | 25 | 40 | 6 | 6 | 12 | 21 | 31 | 52 | 6 | 15 | 21 | 27 | 46 | 73 |
| 35 to 44 " | 22 | 11 | 33 | 5 | 6 | 11 | 27 | 17 | 44 | 4 | 8 | 12 | 31 | 25 | 56 |
| 45 to 54 " | 16 | 7 | 23 | 18 | 9 | 27 | 35 | 16 | 51 | 7 | 10 | 17 | 42 | 26 | 68 |
| 55 to 64 " | 5 | 13 | 18 | 15 | 19 | 34 | 21 | 32 | 53 | 2 | 2 | 4 | 23 | 34 | 57 |
| 65 to 74 " | 9 | 14 | 23 | 15 | 22 | 37 | 25 | 36 | 61 | 6 | 5 | 11 | 31 | 41 | 72 |
| 75 to 84 " | 9 | 15 | 24 | 14 | 9 | 23 | 23 | 24 | 47 | .... | 2 | 2 | 23 | 26 | 49 |
| 85 and over .. | 3 | 3 | 6 | 2 | 1 | 3 | 5 | 4 | 9 | .... | 4 | 4 | 5 | 8 | 13 |
| All ages..... | 216 | 193 | 409 | 78 | 77 | 155 | 297 | 270 | 567 | 85 | 93 | 178 | 382 | 363 | 745 |

TABLE I—Continued.

FEBRUARY.

| Age. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 17 | 18 | 35 | .... | .... | .... | 17 | 18 | 35 | 3 | 4 | 7 | 20 | 22 | 42 |
| 1 to 11 mos.. | 34 | 29 | 63 | .... | .... | .... | 34 | 29 | 63 | 14 | 16 | 30 | 48 | 45 | 93 |
| 1 to 4 years | 45 | 39 | 84 | 2 | 2 | 4 | 47 | 41 | 88 | 23 | 26 | 49 | 70 | 67 | 137 |
| 5 to 9 " | 11 | 10 | 21 | 1 | 1 | 2 | 12 | 11 | 23 | 6 | 2 | 8 | 18 | 13 | 31 |
| 10 to 14 " | 2 | 4 | 6 | .... | .... | .... | 2 | 4 | 6 | .... | .... | .... | 2 | 4 | 6 |
| 15 to 19 " | 3 | 5 | 8 | 1 | 1 | 2 | 4 | 6 | 10 | 2 | 4 | 6 | 6 | 10 | 16 |
| 20 to 24 " | 10 | 13 | 23 | .... | 2 | 2 | 10 | 15 | 25 | 2 | 5 | 7 | 12 | 20 | 32 |
| 25 to 34 " | 20 | 22 | 42 | 1 | 3 | 4 | 21 | 25 | 46 | 6 | 5 | 11 | 27 | 30 | 57 |
| 35 to 44 " | 23 | 14 | 37 | 11 | 5 | 16 | 34 | 19 | 53 | 12 | 9 | 21 | 46 | 28 | 74 |
| 45 to 54 " | 14 | 6 | 20 | 9 | 10 | 19 | 23 | 16 | 39 | 5 | 5 | 10 | 28 | 21 | 49 |
| 55 to 64 " | 18 | 8 | 26 | 16 | 16 | 32 | 34 | 24 | 58 | 2 | 3 | 5 | 36 | 27 | 63 |
| 65 to 74 " | 7 | 22 | 29 | 8 | 17 | 25 | 15 | 39 | 54 | 4 | 8 | 12 | 19 | 47 | 66 |
| 75 to 84 " | 6 | 13 | 19 | 7 | 14 | 21 | 13 | 27 | 40 | 2 | 3 | 5 | 15 | 30 | 45 |
| 85 and over .. | 2 | 8 | 10 | .... | 1 | 1 | 2 | 9 | 11 | .... | 1 | 1 | 2 | 10 | 12 |
| All ages.... | 212 | 211 | 423 | 56 | 72 | 128 | 268 | 283 | 551 | 81 | 91 | 172 | 349 | 374 | 723 |

TABLE I—Continued.

MARCH.

| Age. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 21 | 15 | 36 | .... | .... | .... | 21 | 15 | 36 | 13 | 5 | 18 | 34 | 20 | 54 |
| 1 to 11 mos.. | 54 | 37 | 91 | 1 | .... | 1 | 55 | 37 | 92 | 31 | 24 | 55 | 86 | 61 | 147 |
| 1 to 4 years | 62 | 49 | 111 | .... | 1 | 1 | 62 | 50 | 112 | 30 | 16 | 46 | 92 | 66 | 158 |
| 5 to 9 " | 8 | 9 | 17 | 1 | .... | 1 | 9 | 9 | 18 | 2 | 3 | 5 | 11 | 12 | 23 |
| 10 to 14 " | 2 | 3 | 5 | 2 | .... | 2 | 4 | 3 | 7 | .... | 4 | 4 | 4 | 7 | 11 |
| 15 to 19 " | 8 | 4 | 12 | 1 | .... | 1 | 9 | 4 | 13 | 1 | 7 | 8 | 10 | 11 | 21 |
| 20 to 24 " | 14 | 10 | 24 | 1 | 2 | 3 | 15 | 12 | 27 | 5 | 5 | 10 | 20 | 17 | 37 |
| 25 to 34 " | 19 | 20 | 39 | 3 | 1 | 4 | 22 | 21 | 43 | 13 | 8 | 21 | 35 | 29 | 64 |
| 35 to 44 " | 12 | 16 | 28 | 6 | 13 | 19 | 20 | 29 | 49 | 13 | 8 | 21 | 33 | 37 | 70 |
| 45 to 54 " | 13 | 11 | 24 | 17 | 9 | 26 | 31 | 20 | 51 | 6 | 11 | 17 | 37 | 31 | 69 |
| 55 to 64 " | 4 | 12 | 16 | 15 | 14 | 29 | 20 | 27 | 47 | 5 | 3 | 8 | 25 | 30 | 54 |
| 65 to 74 " | 13 | 18 | 31 | 15 | 20 | 35 | 28 | 38 | 66 | 5 | 4 | 9 | 33 | 42 | 75 |
| 75 to 84 " | 9 | 11 | 20 | 17 | 11 | 28 | 26 | 22 | 48 | 1 | 9 | 10 | 27 | 31 | 58 |
| 85 and over.. | 2 | 2 | 4 | 3 | .... | 3 | 5 | 2 | 7 | .... | 6 | 6 | 5 | 8 | 13 |
| All ages ..... | 241 | 217 | 458 | 82 | 71 | 153 | 327 | 289 | 616 | 125 | 113 | 238 | 452 | 402 | 854 |

## TABLE I—Continued.

APRIL.

| AGE. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 15 | 15 | 30 | .... | .... | .... | 15 | 15 | 30 | 1 | 6 | 7 | 16 | 21 | 37 |
| 1 to 11 mos.. | 33 | 25 | 58 | .... | .... | .... | 33 | 25 | 58 | 11 | 12 | 23 | 44 | 37 | 81 |
| 1 to 4 years | 41 | 36 | 77 | 2 | 4 | 6 | 43 | 40 | 83 | 19 | 24 | 43 | 62 | 64 | 126 |
| 5 to 9 " | 7 | 4 | 11 | .... | 1 | 1 | 7 | 5 | 12 | 5 | 4 | 9 | 12 | 9 | 21 |
| 10 to 14 " | 2 | 5 | 7 | .... | .... | .... | 2 | 5 | 7 | .... | 2 | 2 | 2 | 7 | 9 |
| 15 to 19 " | 6 | 6 | 12 | .... | 1 | 1 | 6 | 7 | 13 | 2 | 5 | 7 | 8 | 12 | 20 |
| 20 to 24 " | 11 | 5 | 16 | .... | 2 | 2 | 11 | 7 | 18 | 5 | 4 | 9 | 16 | 11 | 27 |
| 25 to 34 " | 17 | 17 | 34 | 2 | 1 | 3 | 21 | 18 | 39 | 6 | 7 | 13 | 27 | 25 | 52 |
| 35 to 44 " | 18 | 11 | 29 | 11 | 3 | 14 | 31 | 15 | 46 | 3 | 4 | 7 | 34 | 19 | 53 |
| 45 to 54 " | 14 | 8 | 22 | 10 | 6 | 16 | 27 | 14 | 41 | 5 | 7 | 12 | 32 | 21 | 53 |
| 55 to 64 " | 10 | 10 | 20 | 19 | 12 | 31 | 29 | 22 | 51 | 3 | 6 | 9 | 32 | 28 | 60 |
| 65 to 74 " | 13 | 11 | 24 | 13 | 11 | 24 | 26 | 22 | 48 | 4 | 5 | 9 | 30 | 27 | 57 |
| 75 to 84 " | 6 | 16 | 22 | 7 | 6 | 13 | 13 | 22 | 35 | 4 | 5 | 9 | 17 | 27 | 44 |
| 85 and over... | 2 | 3 | 5 | 1 | 3 | 4 | 3 | 6 | 9 | 1 | 2 | 3 | 4 | 8 | 12 |
| All ages.... | 195 | 172 | 367 | 65 | 50 | 115 | 267 | 223 | 490 | 69 | 93 | 162 | 336 | 316 | 652 |

TABLE I—Continued.

MAY.

| AGE. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 27 | 10 | 37 | .... | .... | .... | 27 | 10 | 37 | 5 | 7 | 12 | 32 | 17 | 49 |
| 1 to 11 mos.. | 35 | 19 | 54 | 1 | 3 | 4 | 36 | 22 | 58 | 20 | 10 | 30 | 56 | 32 | 88 |
| 1 to 4 years | 29 | 31 | 60 | .... | .... | .... | 29 | 31 | 60 | 9 | 14 | 23 | 38 | 45 | 83 |
| 5 to 9 " | 9 | 4 | 13 | .... | .... | .... | 9 | 4 | 13 | 4 | 1 | 5 | 13 | 5 | 18 |
| 10 to 14 " | 3 | 3 | 6 | .... | .... | .... | 3 | 3 | 6 | 2 | 4 | 6 | 5 | 7 | 12 |
| 15 to 19 " | 8 | 3 | 11 | .... | .... | .... | 8 | 3 | 11 | 4 | 5 | 9 | 12 | 8 | 20 |
| 20 to 24 " | 9 | 14 | 23 | .... | .... | .... | 9 | 14 | 23 | 3 | 2 | 5 | 12 | 16 | 28 |
| 25 to 34 " | 16 | 22 | 38 | 1 | 3 | 4 | 17 | 25 | 42 | 6 | 6 | 12 | 23 | 31 | 54 |
| 35 to 44 " | 13 | 11 | 24 | 11 | 10 | 21 | 24 | 21 | 45 | 6 | 6 | 12 | 30 | 27 | 57 |
| 45 to 54 " | 7 | 7 | 14 | 5 | 8 | 13 | 12 | 15 | 27 | 9 | 7 | 16 | 21 | 22 | 43 |
| 55 to 64 " | 5 | 7 | 12 | 16 | 11 | 27 | 21 | 18 | 39 | 3 | 4 | 7 | 24 | 22 | 46 |
| 65 to 74 " | 11 | 7 | 18 | 13 | 13 | 26 | 24 | 20 | 44 | 3 | 3 | 6 | 27 | 23 | 50 |
| 75 to 84 " | 5 | 3 | 8 | 7 | 12 | 19 | 12 | 15 | 27 | .... | 3 | 3 | 12 | 18 | 30 |
| 85 and over... | 1 | 4 | 5 | 1 | 4 | 5 | 2 | 8 | 10 | .... | 2 | 2 | 2 | 10 | 12 |
| All ages.... | 178 | 145 | 323 | 55 | 64 | 119 | 233 | 209 | 442 | 74 | 74 | 148 | 307 | 283 | 590 |

TABLE I—Continued.

JUNE.

| AGE. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 28 | 20 | 48 | .... | .... | .... | 28 | 20 | 48 | 7 | 6 | 13 | 35 | 26 | 61 |
| 1 to 11 mos. | 84 | 103 | 187 | 1 | 1 | 2 | 85 | 104 | 189 | 32 | 37 | 69 | 117 | 141 | 258 |
| 1 to 4 years | 31 | 36 | 67 | 1 | 1 | 2 | 32 | 37 | 69 | 11 | 14 | 25 | 43 | 51 | 94 |
| 5 to 9 " | 6 | 3 | 9 | .... | .... | .... | 6 | 3 | 9 | 1 | 10 | 11 | 7 | 13 | 20 |
| 10 to 14 " | 4 | 4 | 8 | .... | .... | .... | 4 | 4 | 8 | 5 | .... | 5 | 9 | 4 | 13 |
| 15 to 19 " | 5 | 6 | 11 | .... | .... | .... | 5 | 6 | 11 | 2 | 4 | 6 | 7 | 10 | 17 |
| 20 to 24 " | 10 | 5 | 15 | 4 | 1 | 5 | 14 | 6 | 20 | 1 | 1 | 2 | 15 | 7 | 22 |
| 25 to 34 " | 20 | 19 | 39 | 7 | 2 | 9 | 27 | 21 | 48 | 4 | 9 | 13 | 31 | 30 | 61 |
| 35 to 44 " | 16 | 7 | 23 | 8 | 5 | 13 | 25 | 12 | 37 | 6 | 4 | 10 | 31 | 16 | 47 |
| 45 to 54 " | 12 | 10 | 22 | 12 | 8 | 20 | 24 | 18 | 42 | 8 | 4 | 12 | 32 | 22 | 54 |
| 55 to 64 " | 5 | 6 | 11 | 14 | 6 | 20 | 20 | 12 | 32 | 5 | 3 | 8 | 25 | 15 | 40 |
| 65 to 74 " | 14 | 7 | 21 | 21 | 11 | 32 | 35 | 19 | 54 | 2 | 3 | 5 | 37 | 22 | 59 |
| 75 to 84 " | 5 | 6 | 11 | 6 | 13 | 19 | 11 | 19 | 30 | 1 | 1 | 2 | 12 | 20 | 32 |
| 85 and over.. | 2 | 5 | 7 | 3 | 5 | 8 | 5 | 10 | 15 | .... | 2 | 2 | 5 | 12 | 17 |
| All ages... | 242 | 237 | 479 | 77 | 53 | 130 | 321 | 291 | 612 | 85 | 98 | 183 | 406 | 389 | 795 |

TABLE I—Continued.

JULY.

| Age. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 37 | 26 | 63 | .... | .... | .... | 37 | 26 | 63 | 19 | 6 | 25 | 56 | 32 | 88 |
| 1 to 11 mos.. | 166 | 146 | 312 | .... | 4 | 4 | 166 | 150 | 316 | 40 | 51 | 91 | 206 | 201 | 407 |
| 1 to 4 years | 49 | 39 | 88 | 2 | 2 | 4 | 51 | 41 | 92 | 16 | 29 | 45 | 67 | 70 | 137 |
| 5 to 9 " | 7 | 10 | 17 | 1 | 2 | 3 | 8 | 12 | 20 | 5 | 4 | 9 | 13 | 16 | 29 |
| 10 to 14 " | 7 | 3 | 10 | .... | .... | .... | 7 | 3 | 10 | 2 | 3 | 5 | 9 | 6 | 15 |
| 15 to 19 " | 4 | 9 | 13 | 3 | .... | 3 | 7 | 9 | 16 | 3 | .... | 3 | 10 | 9 | 19 |
| 20 to 24 " | 4 | 11 | 15 | 1 | 7 | 8 | 5 | 18 | 23 | 4 | 3 | 7 | 9 | 21 | 30 |
| 25 to 34 " | 14 | 26 | 40 | 11 | 2 | 13 | 25 | 28 | 53 | 6 | 9 | 15 | 31 | 37 | 68 |
| 35 to 44 " | 12 | 12 | 24 | 8 | 3 | 11 | 20 | 15 | 35 | 9 | 7 | 16 | 29 | 22 | 51 |
| 45 to 54 " | 10 | 8 | 18 | 7 | 14 | 21 | 18 | 22 | 40 | 5 | 5 | 10 | 23 | 27 | 50 |
| 55 to 64 " | 15 | 9 | 24 | 15 | 16 | 31 | 30 | 25 | 55 | 2 | 1 | 3 | 32 | 26 | 58 |
| 65 to 74 " | 13 | 7 | 20 | 15 | 11 | 26 | 28 | 18 | 46 | 6 | 5 | 11 | 34 | 23 | 57 |
| 75 to 84 " | 7 | 11 | 18 | 8 | 7 | 15 | 15 | 18 | 33 | 5 | 3 | 8 | 20 | 21 | 41 |
| 85 and over.. | 1 | 4 | 5 | 3 | 3 | 6 | 4 | 7 | 11 | .... | 2 | 2 | 4 | 9 | 13 |
| All ages.... | 346 | 321 | 667 | 74 | 71 | 145 | 421 | 392 | 813 | 122 | 128 | 250 | 543 | 520 | 1063 |

## TABLE I—Continued.

AUGUST.

| AGE. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 43 | 37 | 80 | .... | .... | .... | 43 | 37 | 80 | 8 | 9 | 17 | 51 | 46 | 97 |
| 1 to 11 mos.. | 94 | 101 | 195 | .... | .... | .... | 94 | 101 | 195 | 29 | 31 | 60 | 123 | 132 | 255 |
| 1 to 4 years | 59 | 57 | 116 | 4 | 1 | 5 | 63 | 58 | 121 | 20 | 11 | 31 | 83 | 69 | 152 |
| 5 to 9 " | 10 | 2 | 12 | 1 | .... | 1 | 11 | 2 | 13 | 3 | 3 | 6 | 14 | 5 | 19 |
| 10 to 14 " | 6 | 3 | 9 | 1 | 1 | 2 | 7 | 4 | 11 | 4 | 4 | 8 | 11 | 8 | 19 |
| 15 to 19 " | 4 | 12 | 16 | 1 | .... | 1 | 5 | 12 | 17 | 2 | 4 | 6 | 7 | 16 | 23 |
| 20 to 24 " | 13 | 6 | 19 | 4 | 4 | 8 | 17 | 10 | 27 | 3 | 5 | 8 | 20 | 15 | 35 |
| 25 to 34 " | 11 | 21 | 32 | 5 | 11 | 16 | 16 | 32 | 48 | 5 | 11 | 16 | 21 | 43 | 64 |
| 35 to 44 " | 15 | 17 | 32 | 12 | 7 | 19 | 27 | 24 | 51 | 12 | 4 | 16 | 39 | 28 | 67 |
| 45 to 54 " | 6 | 15 | 21 | 11 | 9 | 20 | 17 | 24 | 41 | 5 | 6 | 11 | 22 | 30 | 52 |
| 55 to 64 " | 7 | 15 | 22 | 22 | 11 | 33 | 29 | 26 | 55 | 2 | 4 | 6 | 31 | 30 | 61 |
| 65 to 74 " | 12 | 10 | 22 | 18 | 7 | 25 | 31 | 17 | 48 | 4 | 2 | 6 | 35 | 19 | 54 |
| 75 to 84 " | 6 | 10 | 16 | 9 | 9 | 18 | 15 | 19 | 34 | .... | 5 | 5 | 15 | 24 | 39 |
| 85 and over.. | 2 | 3 | 5 | 1 | .... | 1 | 3 | 3 | 6 | 1 | 2 | 3 | 4 | 5 | 9 |
| All ages... | 288 | 309 | 597 | 89 | 60 | 149 | 378 | 369 | 747 | 98 | 101 | 199 | 476 | 470 | 946 |

TABLE I—Continued.

SEPTEMBER.

| Age. | Native White | | | Foreign White. | | | White. | | | Colored. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 23 | 12 | 35 | .... | .... | .... | 23 | 12 | 35 | 17 | 7 | 24 | 40 | 19 | 59 |
| 1 to 11 mos.. | 63 | 72 | 135 | 4 | .... | 4 | 67 | 72 | 139 | 20 | 16 | 36 | 87 | 88 | 175 |
| 1 to 4 years | 28 | 33 | 61 | .... | 1 | 1 | 28 | 34 | 62 | 11 | 9 | 20 | 39 | 43 | 82 |
| 5 to 9 " | 5 | 7 | 12 | .... | .... | .... | 5 | 7 | 12 | 1 | .... | 1 | 6 | 7 | 13 |
| 10 to 14 " | 5 | 2 | 7 | .... | 1 | 1 | 5 | 3 | 8 | .... | 4 | 4 | 5 | 7 | 12 |
| 15 to 19 " | 3 | 11 | 14 | 1 | 4 | 5 | 4 | 15 | 19 | 1 | 1 | 2 | 5 | 16 | 21 |
| 20 to 24 " | 7 | 4 | 11 | 3 | 2 | 5 | 10 | 6 | 16 | .... | 2 | 2 | 10 | 8 | 18 |
| 25 to 34 " | 13 | 13 | 26 | 2 | 1 | 3 | 15 | 14 | 29 | 13 | 7 | 20 | 28 | 21 | 49 |
| 35 to 44 " | 16 | 12 | 28 | 7 | 4 | 11 | 24 | 16 | 40 | 7 | 7 | 14 | 31 | 23 | 54 |
| 45 to 54 " | 14 | 14 | 28 | 16 | 7 | 23 | 30 | 21 | 51 | 4 | 5 | 9 | 34 | 26 | 60 |
| 55 to 64 " | 9 | 6 | 15 | 13 | 12 | 25 | 22 | 18 | 40 | .... | 1 | 1 | 22 | 19 | 41 |
| 65 to 74 " | 10 | 10 | 20 | 10 | 11 | 21 | 20 | 21 | 41 | 1 | 4 | 5 | 21 | 25 | 46 |
| 75 to 84 " | 3 | 7 | 10 | 5 | 11 | 16 | 8 | 18 | 26 | 2 | 5 | 7 | 10 | 23 | 33 |
| 85 and over.. | .... | 1 | 1 | 2 | 3 | 5 | 2 | 4 | 6 | 3 | 1 | 4 | 5 | 5 | 10 |
| All ages ... | 199 | 204 | 403 | 63 | 57 | 120 | 263 | 261 | 524 | 80 | 69 | 149 | 343 | 330 | 673 |

TABLE I—Continued.

OCTOBER.

| AGE. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 21 | 13 | 34 | .... | .... | .... | 21 | 13 | 34 | 7 | 12 | 19 | 28 | 25 | 53 |
| 1 to 11 mos.. | 34 | 40 | 74 | .... | .... | .... | 34 | 40 | 74 | 11 | 16 | 27 | 45 | 56 | 101 |
| 1 to 4 years | 42 | 34 | 76 | 1 | 2 | 3 | 43 | 36 | 79 | 17 | 9 | 26 | 60 | 45 | 105 |
| 5 to 9 " | 9 | 10 | 19 | .... | 1 | 1 | 9 | 11 | 20 | 3 | 3 | 6 | 12 | 14 | 26 |
| 10 to 14 " | 4 | 2 | 6 | .... | .... | .... | 4 | 2 | 6 | .... | 2 | 2 | 4 | 4 | 8 |
| 15 to 19 " | 6 | 5 | 11 | 1 | .... | 1 | 7 | 5 | 12 | 1 | 1 | 2 | 8 | 6 | 14 |
| 20 to 24 " | 5 | 14 | 19 | 3 | 4 | 7 | 8 | 18 | 26 | 2 | 5 | 7 | 10 | 23 | 33 |
| 25 to 34 " | 22 | 22 | 44 | 3 | 5 | 8 | 25 | 27 | 52 | 3 | 6 | 9 | 28 | 33 | 61 |
| 35 to 44 " | 13 | 9 | 22 | 8 | 5 | 13 | 22 | 14 | 36 | 16 | 10 | 26 | 38 | 24 | 62 |
| 45 to 54 " | 10 | 7 | 17 | 11 | 19 | 30 | 21 | 26 | 47 | 2 | 4 | 6 | 23 | 30 | 53 |
| 55 to 64 " | 12 | 9 | 21 | 13 | 6 | 19 | 25 | 16 | 41 | 5 | 3 | 8 | 30 | 19 | 49 |
| 65 to 74 " | 6 | 18 | 24 | 17 | 14 | 31 | 23 | 32 | 55 | 2 | 5 | 7 | 25 | 37 | 62 |
| 75 to 84 " | 6 | 6 | 12 | 6 | 8 | 14 | 13 | 14 | 27 | 3 | 3 | 6 | 16 | 17 | 33 |
| 85 and over... | .... | 8 | 8 | 1 | 1 | 2 | 1 | 9 | 10 | 2 | 3 | 5 | 3 | 12 | 15 |
| All ages.... | 190 | 197 | 387 | 64 | 65 | 129 | 256 | 263 | 519 | 74 | 82 | 156 | 330 | 345 | 675 |

TABLE I--Continued.

NOVEMBER.

| AGE. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 17 | 9 | 26 | .... | .... | .... | 17 | 9 | 26 | 7 | 6 | 13 | 24 | 15 | 39 |
| 1 to 11 mos.. | 36 | 21 | 57 | .... | .... | .... | 36 | 21 | 57 | 12 | 14 | 26 | 48 | 35 | 83 |
| 1 to 4 years | 25 | 34 | 59 | .... | 2 | 2 | 25 | 36 | 61 | 11 | 10 | 21 | 36 | 46 | 82 |
| 5 to 9 " | 7 | 7 | 14 | .... | 1 | 1 | 7 | 8 | 15 | 2 | 4 | 6 | 9 | 12 | 21 |
| 10 to 14 " | 3 | 5 | 8 | 1 | .... | 1 | 4 | 5 | 9 | 1 | .... | 1 | 5 | 5 | 10 |
| 15 to 19 " | 6 | 4 | 10 | .... | .... | .... | 6 | 4 | 10 | 3 | 6 | 9 | 9 | 10 | 19 |
| 20 to 24 " | 10 | 8 | 18 | 3 | 1 | 4 | 13 | 9 | 22 | 4 | 4 | 8 | 17 | 13 | 30 |
| 25 to 34 " | 19 | 14 | 33 | 5 | 1 | 6 | 25 | 16 | 41 | 3 | 5 | 8 | 28 | 21 | 49 |
| 35 to 44 " | 12 | 13 | 25 | 10 | 8 | 18 | 22 | 21 | 43 | 3 | 8 | 11 | 25 | 29 | 54 |
| 45 to 54 " | 14 | 12 | 26 | 9 | 14 | 23 | 23 | 26 | 49 | 9 | 4 | 13 | 32 | 30 | 62 |
| 55 to 64 " | 10 | 5 | 15 | 5 | 15 | 20 | 15 | 20 | 35 | 4 | 7 | 11 | 19 | 27 | 46 |
| 65 to 74 " | 11 | 8 | 19 | 13 | 8 | 21 | 26 | 18 | 44 | 3 | 4 | 7 | 29 | 22 | 51 |
| 75 to 84 " | 10 | 5 | 15 | 6 | 9 | 15 | 16 | 15 | 31 | 2 | 2 | 4 | 18 | 17 | 35 |
| 85 and over .. | .... | 4 | 4 | 2 | .... | 2 | 2 | 4 | 6 | 2 | 1 | 3 | 4 | 5 | 9 |
| All ages. | 180 | 149 | 329 | 54 | 59 | 113 | 237 | 212 | 449 | 66 | 75 | 141 | 303 | 287 | 590 |

TABLE I—Concluded.

DECEMBER

| Age. | NATIVE WHITE | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Under 1 month | 22 | 15 | 37 | .... | .... | .... | 22 | 15 | 37 | 14 | 9 | 23 | 36 | 24 | 60 |
| 1 to 11 mos.. | 39 | 35 | 74 | .... | .... | .... | 39 | 35 | 74 | 17 | 22 | 39 | 56 | 57 | 113 |
| 1 to 4 years | 26 | 25 | 51 | .... | .... | .... | 26 | 25 | 51 | 9 | 11 | 20 | 35 | 36 | 71 |
| 5 to 9 " | 7 | 11 | 18 | 3 | .... | 3 | 10 | 11 | 21 | 2 | 3 | 5 | 12 | 14 | 26 |
| 10 to 14 " | 3 | 2 | 5 | .... | 1 | 1 | 3 | 3 | 6 | .... | .... | .... | 3 | 3 | 6 |
| 15 to 19 " | 11 | 4 | 15 | .... | .... | .... | 11 | 4 | 15 | 6 | 2 | 8 | 17 | 6 | 23 |
| 20 to 24 " | 11 | 8 | 19 | 2 | 2 | 4 | 13 | 10 | 23 | 3 | 2 | 5 | 16 | 12 | 28 |
| 25 to 34 " | 21 | 20 | 41 | 7 | 4 | 11 | 28 | 24 | 52 | 5 | 3 | 8 | 33 | 27 | 60 |
| 35 to 44 " | 17 | 12 | 29 | 6 | 6 | 12 | 23 | 18 | 41 | 10 | 8 | 18 | 33 | 26 | 59 |
| 45 to 54 " | 13 | 20 | 33 | 13 | 7 | 20 | 27 | 27 | 54 | 8 | 7 | 15 | 35 | 34 | 69 |
| 55 to 64 " | 7 | 12 | 19 | 11 | 12 | 23 | 18 | 24 | 42 | 2 | 7 | 9 | 20 | 31 | 51 |
| 65 to 74 " | 8 | 13 | 21 | 25 | 16 | 41 | 33 | 29 | 62 | 1 | 3 | 4 | 34 | 32 | 66 |
| 75 to 84 " | 7 | 10 | 17 | 7 | 9 | 16 | 14 | 19 | 33 | .... | 1 | 1 | 14 | 20 | 34 |
| 85 and over.. | 1 | 7 | 8 | 2 | 2 | 4 | 3 | 9 | 12 | 1 | 1 | 2 | 4 | 10 | 14 |
| All ages... | 193 | 194 | 387 | 76 | 59 | 135 | 270 | 253 | 523 | 78 | 79 | 157 | 348 | 332 | 680 |

# TABLE II.

Showing the Actual Mortality in each Ward of the City of Baltimore for the Year 1888, and for each month, according to Sex, Race, and Nativity.

## THE YEAR.

| Wards. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female | Total. | Male. | Female. | Total. | | | |
| 1..... | 187 | 165 | 352 | 55 | 54 | 109 | 244 | 219 | 463 | 5 | 5 | 10 | 249 | 224 | 473 |
| 2..... | 162 | 148 | 310 | 72 | 69 | 141 | 237 | 217 | 454 | 7 | 18 | 25 | 244 | 235 | 479 |
| 3..... | 117 | 100 | 217 | 43 | 40 | 82 | 160 | 140 | 300 | 41 | 36 | 77 | 201 | 176 | 377 |
| 4..... | 105 | 79 | 184 | 48 | 41 | 89 | 153 | 120 | 273 | 39 | 48 | 87 | 192 | 168 | 360 |
| 5..... | 78 | 94 | 172 | 42 | 40 | 82 | 120 | 134 | 254 | 52 | 48 | 100 | 172 | 182 | 354 |
| 6..... | 146 | 194 | 340 | 45 | 39 | 84 | 191 | 234 | 425 | 51 | 63 | 114 | 242 | 297 | 539 |
| 7..... | 156 | 155 | 311 | 67 | 62 | 129 | 223 | 217 | 440 | 22 | 13 | 35 | 245 | 230 | 475 |
| 8..... | 164 | 120 | 284 | 47 | 70 | 117 | 211 | 190 | 401 | 49 | 37 | 86 | 260 | 227 | 487 |
| 9 ..... | 120 | 76 | 196 | 49 | 24 | 73 | 173 | 101 | 274 | 61 | 53 | 114 | 234 | 154 | 388 |
| 10..... | 74 | 64 | 138 | 28 | 27 | 55 | 102 | 91 | 193 | 68 | 60 | 128 | 170 | 151 | 321 |
| 11..... | 64 | 68 | 132 | 15 | 13 | 28 | 80 | 82 | 162 | 79 | 99 | 178 | 159 | 181 | 340 |
| 12..... | 189 | 171 | 360 | 21 | 30 | 51 | 211 | 205 | 316 | 75 | 97 | 172 | 286 | 302 | 588 |
| 13..... | 92 | 80 | 172 | 51 | 22 | 73 | 148 | 102 | 250 | 54 | 54 | 108 | 202 | 156 | 358 |
| 14..... | 133 | 148 | 281 | 29 | 34 | 63 | 163 | 183 | 346 | 42 | 34 | 76 | 205 | 217 | 422 |
| 15..... | 92 | 75 | 167 | 28 | 23 | 51 | 121 | 98 | 219 | 75 | 92 | 167 | 196 | 190 | 386 |
| 16..... | 69 | 70 | 139 | 25 | 20 | 45 | 94 | 90 | 184 | 62 | 70 | 132 | 156 | 160 | 316 |
| 17..... | 179 | 157 | 336 | 41 | 38 | 79 | 221 | 195 | 416 | 22 | 20 | 42 | 243 | 215 | 458 |
| 18..... | 173 | 179 | 352 | 55 | 40 | 95 | 229 | 219 | 448 | 46 | 50 | 96 | 275 | 269 | 544 |
| 19..... | 116 | 136 | 252 | 19 | 19 | 38 | 136 | 155 | 291 | 77 | 87 | 164 | 213 | 242 | 455 |
| 20..... | 113 | 122 | 235 | 21 | 23 | 44 | 134 | 145 | 279 | 78 | 89 | 167 | 212 | 234 | 446 |
| 21..... | 65 | 68 | 133 | 14 | 11 | 25 | 82 | 79 | 161 | 20 | 14 | 34 | 102 | 93 | 195 |
| 22..... | 86 | 80 | 166 | 19 | 19 | 38 | 105 | 99 | 204 | 12 | 9 | 21 | 117 | 108 | 225 |
| The city. | 2,680 | 2,549 | 5,229 | 833 | 758 | 1,591 | 3,538 | 3,315 | 6,753 | 1,037 | 1,096 | 2,133 | 4,575 | 4,411 | 8,986 |

## TABLE II--Continued.

### JANUARY.

| Wards. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1..... | 12 | 14 | 26 | 8 | 7 | 15 | 20 | 21 | 41 | 1 | 1 | 2 | 21 | 22 | 43 |
| 3..... | 11 | 12 | 23 | 5 | 10 | 15 | 16 | 22 | 38 | 1 | ..... | 1 | 17 | 22 | 39 |
| 3..... | 10 | 12 | 22 | 7 | 2 | 9 | 17 | 14 | 31 | 2 | 1 | 3 | 19 | 15 | 34 |
| 4..... | 13 | 6 | 19 | 8 | 9 | 17 | 21 | 15 | 36 | 4 | 8 | 12 | 25 | 23 | 48 |
| 5..... | 4 | 4 | 8 | 2 | 6 | 8 | 6 | 10 | 16 | 6 | 4 | 10 | 12 | 14 | 26 |
| 6..... | 10 | 13 | 23 | 6 | 3 | 9 | 16 | 16 | 32 | 7 | 6 | 13 | 23 | 22 | 45 |
| 7..... | 11 | 15 | 26 | 6 | 6 | 12 | 17 | 21 | 38 | 2 | ..... | 2 | 19 | 21 | 40 |
| 8..... | 21 | 9 | 30 | 2 | 8 | 10 | 23 | 17 | 40 | 4 | 1 | 5 | 27 | 18 | 45 |
| 9..... | 11 | 2 | 13 | 3 | 2 | 5 | 15 | 4 | 19 | 6 | 8 | 14 | 21 | 12 | 33 |
| 10..... | 9 | 11 | 20 | 4 | 5 | 9 | 13 | 16 | 29 | 8 | 9 | 17 | 21 | 25 | 46 |
| 11..... | 1 | 2 | 3 | 2 | 1 | 3 | 3 | 3 | 6 | 4 | 5 | 9 | 7 | 8 | 15 |
| 12..... | 15 | 15 | 30 | 3 | 1 | 4 | 18 | 16 | 34 | 8 | 6 | 14 | 26 | 22 | 48 |
| 13 ..... | 6 | 5 | 11 | 6 | 2 | 8 | 14 | 7 | 21 | 5 | 5 | 10 | 19 | 12 | 31 |
| 14..... | 14 | 14 | 28 | 1 | 2 | 3 | 15 | 16 | 31 | 3 | 3 | 6 | 18 | 19 | 37 |
| 15..... | 9 | 7 | 16 | 4 | 1 | 5 | 13 | 8 | 21 | 5 | 10 | 15 | 18 | 18 | 36 |
| 16..... | 8 | 6 | 14 | 4 | 2 | 6 | 12 | 8 | 20 | 5 | 6 | 11 | 17 | 14 | 31 |
| 17..... | 16 | 16 | 32 | 2 | 3 | 5 | 18 | 19 | 37 | 1 | ..... | 1 | 19 | 19 | 38 |
| 18..... | 11 | 9 | 20 | 1 | 1 | 2 | 12 | 10 | 22 | 2 | 8 | 10 | 14 | 18 | 32 |
| 19 ..... | 13 | 14 | 27 | 2 | 3 | 5 | 15 | 17 | 32 | 6 | 5 | 11 | 21 | 22 | 43 |
| 20..... | 11 | 7 | 18 | 2 | 3 | 5 | 13 | 10 | 23 | 5 | 7 | 12 | 18 | 17 | 35 |
| 21..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 22..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .... | ..... | ..... | ..... |
| The city. | 216 | 193 | 409 | 78 | 77 | 155 | 297 | 270 | 567 | 85 | 93 | 178 | 382 | 363 | 745 |

TABLE II—Continued.

**FEBRUARY.**

| Wards. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1..... | 8 | 13 | 21 | 3 | 5 | 8 | 11 | 18 | 29 | ..... | ..... | ..... | 11 | 18 | 29 |
| 2..... | 11 | 10 | 21 | 5 | 3 | 8 | 16 | 13 | 29 | 1 | 2 | 3 | 17 | 15 | 32 |
| 3..... | 16 | 11 | 27 | 1 | 6 | 7 | 17 | 17 | 34 | 3 | 3 | 6 | 20 | 20 | 40 |
| 4..... | 9 | 9 | 18 | 4 | 2 | 6 | 13 | 11 | 24 | 4 | 2 | 6 | 17 | 13 | 30 |
| 5..... | 7 | 15 | 22 | 4 | 3 | 7 | 11 | 18 | 29 | 3 | 3 | 6 | 14 | 21 | 35 |
| 6..... | 14 | 13 | 17 | ..... | 5 | 5 | 14 | 18 | 32 | 5 | 8 | 13 | 19 | 26 | 45 |
| 7..... | 12 | 19 | 31 | 7 | 5 | 12 | 19 | 24 | 43 | 2 | 1 | 3 | 21 | 25 | 46 |
| 8..... | 14 | 15 | 29 | 1 | 10 | 11 | 15 | 25 | 40 | 3 | 7 | 10 | 18 | 32 | 50 |
| 9..... | 10 | 8 | 18 | 4 | 2 | 6 | 14 | 10 | 24 | 6 | 3 | 9 | 20 | 13 | 33 |
| 10..... | 5 | 5 | 10 | 4 | 1 | 5 | 9 | 6 | 15 | 8 | 3 | 11 | 17 | 9 | 26 |
| 11..... | 6 | 5 | 11 | 1 | 1 | 2 | 7 | 6 | 13 | 6 | 5 | 11 | 13 | 11 | 24 |
| 12..... | 11 | 11 | 22 | 1 | 1 | 2 | 12 | 12 | 24 | 3 | 8 | 11 | 15 | 20 | 35 |
| 13..... | 9 | 6 | 15 | 6 | 5 | 11 | 15 | 11 | 26 | 5 | 5 | 10 | 20 | 16 | 36 |
| 14..... | 4 | 10 | 14 | 1 | 5 | 6 | 5 | 15 | 20 | 1 | 1 | 2 | 6 | 16 | 22 |
| 15..... | 9 | 6 | 15 | 2 | 2 | 4 | 11 | 8 | 19 | 9 | 7 | 16 | 20 | 15 | 35 |
| 19..... | 5 | 5 | 10 | 3 | 2 | 5 | 8 | 7 | 15 | 3 | 5 | 8 | 11 | 12 | 23 |
| 17..... | 27 | 13 | 40 | 2 | 9 | 11 | 29 | 22 | 51 | 1 | 2 | 3 | 30 | 24 | 54 |
| 18..... | 7 | 17 | 24 | 4 | 3 | 7 | 11 | 20 | 31 | 4 | 4 | 8 | 15 | 24 | 39 |
| 19..... | 14 | 10 | 24 | 2 | 1 | 3 | 16 | 11 | 27 | 8 | 12 | 20 | 24 | 23 | 47 |
| 20..... | 14 | 10 | 24 | 1 | 1 | 2 | 15 | 11 | 26 | 6 | 10 | 16 | 21 | 21 | 42 |
| 21..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 22..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| The city. | 212 | 211 | 423 | 56 | 72 | 128 | 268 | 283 | 551 | 81 | 91 | 172 | 349 | 374 | 723 |

## TABLE II—Continued.

### MARCH.

| Wards. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1..... | 24 | 14 | 38 | ..... | 7 | 7 | 24 | 21 | 45 | 1 | 2 | 3 | 25 | 23 | 48 |
| 2..... | 17 | 11 | 28 | 7 | 10 | 17 | 25 | 21 | 46 | 1 | 3 | 4 | 26 | 24 | 50 |
| 3..... | 11 | 8 | 19 | 5 | 1 | 6 | 17 | 9 | 26 | 8 | 4 | 12 | 25 | 13 | 38 |
| 4..... | 11 | 5 | 16 | 1 | 4 | 5 | 12 | 9 | 21 | 1 | 5 | 6 | 13 | 14 | 27 |
| 5..... | 5 | 12 | 17 | 8 | 6 | 14 | 13 | 18 | 31 | 5 | 5 | 10 | 18 | 23 | 41 |
| 6..... | 12 | 12 | 24 | 9 | 4 | 13 | 21 | 17 | 38 | 6 | 6 | 12 | 27 | 23 | 50 |
| 7..... | 18 | 13 | 31 | 7 | 6 | 13 | 25 | 19 | 44 | 3 | 2 | 5 | 28 | 21 | 49 |
| 8..... | 19 | 21 | 40 | 8 | 5 | 13 | 27 | 26 | 53 | 8 | 2 | 10 | 35 | 28 | 63 |
| 9..... | 5 | 12 | 17 | 6 | 3 | 9 | 12 | 15 | 27 | 7 | 9 | 16 | 19 | 24 | 43 |
| 10..... | 1 | 7 | 8 | 2 | 2 | 4 | 3 | 9 | 12 | 11 | 5 | 16 | 14 | 14 | 28 |
| 11..... | 5 | 9 | 14 | 2 | 2 | 4 | 7 | 11 | 18 | 9 | 8 | 17 | 16 | 19 | 35 |
| 12..... | 20 | 17 | 37 | 2 | 3 | 5 | 22 | 20 | 42 | 5 | 9 | 14 | 27 | 29 | 56 |
| 13..... | 6 | 10 | 16 | 6 | 1 | 7 | 12 | 11 | 23 | 5 | 6 | 11 | 17 | 17 | 34 |
| 14..... | 15 | 12 | 27 | 3 | 2 | 5 | 18 | 14 | 32 | 1 | 3 | 4 | 19 | 17 | 36 |
| 15..... | 6 | 5 | 11 | 2 | 5 | 7 | 8 | 10 | 18 | 9 | 14 | 23 | 17 | 24 | 41 |
| 16..... | 8 | 11 | 19 | 5 | ..... | 5 | 13 | 11 | 24 | 10 | 10 | 20 | 23 | 21 | 44 |
| 17..... | 12 | 8 | 20 | 2 | 3 | 5 | 14 | 11 | 25 | 3 | 1 | 4 | 17 | 12 | 29 |
| 18..... | 17 | 9 | 26 | 5 | 3 | 8 | 23 | 12 | 35 | 5 | 4 | 9 | 28 | 16 | 44 |
| 19..... | 15 | 10 | 25 | 1 | 2 | 3 | 16 | 12 | 28 | 12 | 8 | 20 | 28 | 20 | 48 |
| 20..... | 14 | 11 | 25 | 1 | 2 | 3 | 15 | 13 | 28 | 15 | 7 | 22 | 30 | 20 | 50 |
| 21..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 22 ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| The city. | 241 | 217 | 458 | 82 | 71 | 153 | 327 | 289 | 616 | 125 | 113 | 238 | 452 | 402 | 854 |

## TABLE II—Continued.

### APRIL.

| Wards. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1..... | 12 | 7 | 19 | 6 | 4 | 10 | 18 | 11 | 29 | 1 | ..... | 1 | 19 | 11 | 30 |
| 2..... | 10 | 8 | 18 | 10 | 5 | 15 | 21 | 13 | 34 | 1 | ..... | 1 | 22 | 13 | 35 |
| ..... | 9 | 7 | 16 | ..... | ..... | ..... | 9 | 7 | 16 | 4 | 3 | 7 | 13 | 10 | 23 |
| 4..... | 9 | 6 | 15 | 5 | 1 | 6 | 14 | 7 | 21 | 4 | 4 | 8 | 18 | 11 | 29 |
| 5..... | 9 | 6 | 15 | 2 | 2 | 4 | 11 | 8 | 19 | 3 | 3 | 6 | 14 | 11 | 25 |
| 6..... | 6 | 20 | 26 | 2 | 1 | 3 | 8 | 21 | 29 | 6 | 5 | 11 | 14 | 26 | 40 |
| 7..... | 14 | 8 | 22 | 6 | 6 | 12 | 20 | 14 | 34 | ..... | ..... | ..... | 20 | 14 | 34 |
| 8..... | 14 | 8 | 22 | 4 | 9 | 13 | 18 | 17 | 35 | 4 | 5 | 9 | 22 | 22 | 44 |
| 9..... | 8 | 4 | 12 | 3 | 2 | 5 | 13 | 6 | 19 | 5 | 8 | 13 | 18 | 14 | 32 |
| 10 ..... | 9 | 2 | 11 | 2 | ..... | 2 | 11 | 2 | 13 | 7 | 6 | 13 | 18 | 8 | 26 |
| 11..... | 3 | 9 | 12 | 1 | 1 | 2 | 5 | 11 | 16 | 2 | 11 | 13 | 7 | 22 | 29 |
| 12. ..... | 25 | 18 | 43 | 3 | 2 | 5 | 29 | 20 | 49 | 4 | 7 | 11 | 33 | 27 | 60 |
| 13. ..... | 7 | 5 | 12 | 4 | 2 | 6 | 13 | 7 | 20 | 5 | 5 | 10 | 18 | 12 | 30 |
| 14..... | 9 | 11 | 20 | 5 | 1 | 6 | 14 | 12 | 26 | 3 | 3 | 6 | 17 | 15 | 32 |
| 15..... | 8 | 5 | 13 | ..... | ..... | ..... | 8 | 5 | 13 | 7 | 8 | 15 | 15 | 13 | 28 |
| 16..... | 3 | 7 | 10 | 1 | 3 | 4 | 4 | 10 | 14 | 4 | 5 | 9 | 8 | 15 | 23 |
| 17..... | 11 | 5 | 16 | 2 | 1 | 3 | 13 | 6 | 19 | ..... | 2 | 2 | 13 | 8 | 21 |
| 18..... | 8 | 14 | 22 | 4 | 5 | 9 | 12 | 19 | 31 | 1 | 3 | 4 | 13 | 22 | 35 |
| 19..... | 11 | 10 | 21 | 4 | 4 | 8 | 15 | 14 | 29 | 4 | 7 | 11 | 19 | 21 | 40 |
| 20..... | 10 | 12 | 22 | 1 | 1 | 2 | 11 | 13 | 24 | 4 | 8 | 12 | 15 | 21 | 36 |
| 21..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 22..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| The city | 195 | 172 | 367 | 65 | 50 | 115 | 267 | 223 | 490 | 69 | 93 | 162 | 336 | 316 | 652 |

## TABLE II—Continued.

### MAY.

| WARDS. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1..... | 15 | 6 | 21 | 3 | 3 | 6 | 18 | 9 | 27 | ..... | ..... | ..... | 18 | 9 | 27 |
| 2..... | 9 | 9 | 18 | 8 | 7 | 15 | 17 | 16 | 33 | ..... | 1 | 1 | 17 | 17 | 34 |
| 3..... | 6 | 8 | 14 | 3 | 2 | 5 | 9 | 10 | 19 | 2 | ..... | 2 | 11 | 10 | 21 |
| 4..... | 6 | 7 | 13 | 1 | 4 | 5 | 7 | 11 | 18 | 2 | 4 | 6 | 9 | 15 | 24 |
| 5..... | 4 | 6 | 10 | 1 | 5 | 6 | 5 | 11 | 16 | 5 | 2 | 7 | 10 | 13 | 23 |
| 6..... | 8 | 10 | 18 | 3 | 6 | 9 | 11 | 16 | 27 | 2 | 6 | 8 | 13 | 22 | 35 |
| 7..... | 12 | 4 | 16 | 4 | 5 | 9 | 16 | 9 | 25 | 3 | 1 | 4 | 19 | 10 | 29 |
| 8..... | 17 | 4 | 21 | 7 | 3 | 10 | 24 | 7 | 31 | 3 | ..... | 3 | 27 | 7 | 34 |
| 9..... | 12 | 7 | 19 | 2 | ..... | 2 | 14 | 7 | 21 | 6 | 2 | 8 | 20 | 9 | 29 |
| 10..... | 4 | 7 | 11 | 2 | 6 | 8 | 6 | 13 | 19 | 7 | 6 | 13 | 13 | 19 | 32 |
| 11..... | 8 | 5 | 13 | 2 | 1 | 3 | 10 | 6 | 16 | 7 | 14 | 21 | 17 | 20 | 37 |
| 12..... | 14 | 13 | 27 | 4 | 2 | 6 | 18 | 15 | 33 | 6 | 8 | 14 | 24 | 23 | 47 |
| 13..... | 5 | 5 | 10 | 3 | 2 | 5 | 8 | 7 | 15 | 3 | 2 | 5 | 11 | 9 | 20 |
| 14..... | 12 | 9 | 21 | 3 | 5 | 8 | 15 | 14 | 29 | 3 | 3 | 6 | 18 | 17 | 35 |
| 15..... | 12 | 9 | 21 | ..... | 2 | 2 | 12 | 11 | 23 | 3 | 4 | 7 | 15 | 15 | 30 |
| 16..... | 4 | 1 | 5 | ..... | 2 | 2 | 4 | 3 | 7 | 3 | 5 | 8 | 7 | 8 | 15 |
| 17..... | 7 | 9 | 16 | 1 | 2 | 3 | 8 | 11 | 19 | 1 | ..... | 1 | 9 | 11 | 20 |
| 18..... | 10 | 7 | 17 | 6 | 5 | 11 | 16 | 12 | 28 | 5 | 3 | 8 | 21 | 15 | 36 |
| 19..... | 7 | 10 | 17 | 2 | 1 | 3 | 9 | 11 | 20 | 8 | 6 | 14 | 17 | 17 | 34 |
| 20..... | 5 | 8 | 13 | ..... | 1 | 1 | 5 | 9 | 14 | 5 | 7 | 12 | 10 | 16 | 26 |
| 21..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 22..... | 1 | 1 | 2 | ..... | ..... | ..... | 1 | 1 | 2 | ..... | ..... | ..... | 1 | 1 | 2 |
| The city. | 178 | 145 | 323 | 55 | 64 | 119 | 233 | 209 | 442 | 74 | 74 | 148 | 307 | 283 | 590 |

## TABLE II—Continued.

### JUNE.

| Wards. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. |
| 1..... | 14 | 22 | 36 | 5 | 4 | 9 | 19 | 26 | 45 | ..... | ..... | ..... | 19 | 26 | 45 |
| 2..... | 13 | 11 | 24 | 5 | 3 | 8 | 18 | 14 | 32 | ..... | 1 | 1 | 18 | 15 | 33 |
| 3..... | 11 | 10 | 21 | 2 | 5 | 7 | 13 | 15 | 28 | 5 | 4 | 9 | 18 | 19 | 37 |
| 4..... | 10 | 16 | 26 | 7 | 4 | 11 | 17 | 20 | 37 | 1 | 2 | 3 | 18 | 22 | 40 |
| 5..... | 9 | 4 | 13 | 5 | 1 | 6 | 14 | 5 | 19 | 6 | 3 | 9 | 20 | 8 | 28 |
| 6..... | 13 | 20 | 33 | 4 | 2 | 6 | 17 | 22 | 39 | 3 | 6 | 9 | 20 | 28 | 48 |
| 7..... | 12 | 12 | 24 | 5 | 6 | 11 | 17 | 18 | 35 | 1 | 1 | 2 | 18 | 19 | 37 |
| 8..... | 16 | 10 | 26 | 5 | 5 | 10 | 21 | 15 | 36 | 3 | 4 | 7 | 24 | 19 | 43 |
| 9..... | 12 | 7 | 19 | 5 | 3 | 8 | 17 | 10 | 27 | 6 | 2 | 8 | 23 | 12 | 35 |
| 10..... | 7 | 4 | 11 | 3 | 2 | 5 | 10 | 6 | 16 | ..... | 6 | 6 | 10 | 12 | 22 |
| 11..... | 11 | 3 | 14 | ..... | ..... | ..... | 11 | 3 | 14 | 9 | 16 | 25 | 20 | 19 | 39 |
| 12..... | 12 | 18 | 30 | 1 | 3 | 4 | 13 | 22 | 35 | 6 | 7 | 13 | 19 | 29 | 48 |
| 13..... | 8 | 7 | 15 | 7 | ..... | 7 | 15 | 7 | 22 | 4 | 2 | 6 | 19 | 9 | 28 |
| 14..... | 10 | 13 | 23 | 1 | 7 | 8 | 11 | 20 | 31 | 6 | 3 | 9 | 17 | 23 | 40 |
| 15..... | 10 | 12 | 22 | ..... | 1 | 1 | 10 | 13 | 23 | 6 | 12 | 18 | 16 | 25 | 41 |
| 16..... | 7 | 7 | 14 | ..... | 1 | 1 | 7 | 8 | 15 | 4 | 4 | 8 | 11 | 12 | 23 |
| 17..... | 18 | 20 | 38 | 2 | ..... | 2 | 21 | 20 | 41 | 3 | 5 | 8 | 24 | 25 | 49 |
| 18..... | 12 | 15 | 27 | 7 | 3 | 10 | 19 | 18 | 37 | 6 | 2 | 8 | 25 | 20 | 45 |
| 19..... | 7 | 4 | 11 | 3 | 1 | 4 | 11 | 5 | 16 | 5 | 7 | 12 | 16 | 12 | 28 |
| 20..... | 9 | 10 | 19 | 3 | ..... | 3 | 12 | 10 | 22 | 7 | 8 | 15 | 19 | 18 | 37 |
| 21..... | 8 | 2 | 10 | 2 | ..... | 2 | 10 | 2 | 12 | 3 | 1 | 4 | 13 | 3 | 16 |
| 22..... | 13 | 10 | 23 | 5 | 2 | 7 | 18 | 12 | 30 | 1 | 2 | 3 | 19 | 14 | 33 |
| The city. | 242 | 237 | 479 | 77 | 53 | 130 | 321 | 291 | 612 | 85 | 98 | 183 | 406 | 389 | 795 |

## TABLE II—Continued.

### JULY.

| WARDS. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1..... | 29 | 23 | 52 | 6 | 7 | 13 | 35 | 30 | 65 | ..... | 1 | 1 | 35 | 31 | 66 |
| 2..... | 17 | 18 | 35 | 7 | 10 | 17 | 24 | 28 | 52 | ..... | 2 | 2 | 24 | 30 | 54 |
| 3..... | 9 | 11 | 20 | 3 | 3 | 6 | 12 | 14 | 26 | 4 | 6 | 10 | 16 | 20 | 36 |
| 4..... | 20 | 8 | 28 | 1 | 5 | 6 | 21 | 13 | 34 | 5 | 3 | 8 | 26 | 16 | 42 |
| 5..... | 7 | 12 | 19 | 3 | 4 | 7 | 10 | 16 | 26 | 6 | 4 | 10 | 16 | 20 | 36 |
| 6..... | 21 | 21 | 42 | 3 | 4 | 7 | 24 | 25 | 49 | 10 | 7 | 17 | 34 | 32 | 66 |
| 7..... | 19 | 16 | 35 | 5 | 3 | 8 | 24 | 19 | 43 | 2 | ..... | 2 | 26 | 19 | 45 |
| 8..... | 14 | 7 | 21 | 1 | 6 | 7 | 15 | 13 | 28 | 10 | 7 | 17 | 25 | 20 | 45 |
| 9..... | 16 | 13 | 29 | 3 | 3 | 6 | 19 | 16 | 35 | 6 | 6 | 12 | 25 | 22 | 47 |
| 10..... | 11 | 3 | 14 | 2 | ..... | 2 | 13 | 3 | 16 | 8 | 6 | 14 | 21 | 9 | 30 |
| 11..... | 9 | 4 | 13 | 1 | 1 | 2 | 10 | 5 | 15 | 11 | 9 | 20 | 21 | 14 | 35 |
| 12..... | 26 | 22 | 48 | 3 | 3 | 6 | 29 | 25 | 54 | 10 | 14 | 24 | 39 | 39 | 78 |
| 13..... | 9 | 13 | 22 | 3 | 1 | 4 | 12 | 14 | 26 | 5 | 10 | 15 | 17 | 24 | 41 |
| 14..... | 20 | 19 | 39 | 5 | 2 | 7 | 25 | 21 | 46 | 4 | 5 | 9 | 29 | 26 | 55 |
| 15..... | 7 | 6 | 13 | 2 | 5 | 7 | 9 | 11 | 20 | 10 | 3 | 13 | 19 | 14 | 33 |
| 16..... | 3 | 8 | 11 | 1 | ..... | 1 | 4 | 8 | 12 | 7 | 11 | 18 | 11 | 19 | 30 |
| 17..... | 21 | 18 | 39 | 8 | 2 | 10 | 29 | 20 | 49 | 3 | 3 | 6 | 32 | 23 | 55 |
| 18..... | 34 | 26 | 60 | 5 | 4 | 9 | 39 | 30 | 69 | 4 | 9 | 13 | 43 | 39 | 82 |
| 19..... | 13 | 19 | 32 | ..... | 1 | 1 | 13 | 20 | 33 | 3 | 8 | 11 | 16 | 28 | 44 |
| 20..... | 11 | 17 | 28 | 4 | 3 | 7 | 15 | 20 | 35 | 4 | 6 | 10 | 19 | 26 | 45 |
| 21..... | 10 | 21 | 31 | 3 | 3 | 6 | 14 | 24 | 38 | 8 | 7 | 15 | 22 | 31 | 53 |
| 22..... | 20 | 16 | 36 | 5 | 1 | 6 | 25 | 17 | 42 | 2 | 1 | 3 | 27 | 18 | 45 |
| The city. | 346 | 321 | 667 | 74 | 71 | 145 | 421 | 392 | 813 | 122 | 128 | 250 | 543 | 520 | 1,063 |

## TABLE II—Continued.

### AUGUST.

| WARDS. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1..... | 25 | 24 | 49 | 7 | 1 | 8 | 32 | 25 | 57 | 1 | 1 | 2 | 33 | 26 | 59 |
| 2..... | 32 | 24 | 56 | 4 | 7 | 11 | 36 | 31 | 67 | 1 | 5 | 6 | 37 | 36 | 73 |
| 3..... | 11 | 11 | 22 | 4 | 4 | 8 | 15 | 15 | 30 | 1 | 2 | 3 | 16 | 17 | 33 |
| 4..... | 8 | 4 | 12 | 7 | 1 | 8 | 15 | 5 | 20 | 3 | 3 | 6 | 18 | 8 | 26 |
| 5..... | 10 | 8 | 18 | 3 | 2 | 5 | 13 | 10 | 23 | 5 | 7 | 12 | 18 | 17 | 35 |
| 6..... | 13 | 27 | 40 | 5 | 1 | 6 | 18 | 28 | 46 | 4 | 5 | 9 | 22 | 33 | 55 |
| 7..... | 17 | 17 | 34 | 7 | 11 | 18 | 24 | 28 | 52 | 2 | 2 | 4 | 26 | 30 | 56 |
| 8..... | 8 | 11 | 19 | 6 | 5 | 11 | 14 | 16 | 30 | 2 | 1 | 3 | 16 | 17 | 33 |
| 9..... | 9 | 5 | 14 | 4 | 2 | 6 | 13 | 7 | 20 | 6 | 4 | 10 | 19 | 11 | 30 |
| 10..... | 8 | 5 | 13 | 3 | 1 | 4 | 11 | 6 | 17 | 4 | 6 | 10 | 15 | 12 | 27 |
| 11..... | 4 | 4 | 8 | 2 | 1 | 3 | 6 | 5 | 11 | 5 | 6 | 11 | 11 | 11 | 22 |
| 12..... | 15 | 19 | 34 | 2 | 3 | 5 | 17 | 22 | 39 | 9 | 13 | 22 | 26 | 35 | 61 |
| 13..... | 11 | 8 | 19 | 5 | 1 | 6 | 16 | 9 | 25 | 6 | 10 | 16 | 22 | 19 | 41 |
| 14..... | 16 | 23 | 39 | 3 | ..... | 3 | 19 | 23 | 42 | 7 | 3 | 10 | 26 | 26 | 52 |
| 15..... | 4 | 6 | 10 | 4 | 4 | 8 | 8 | 10 | 18 | 5 | 7 | 12 | 13 | 17 | 30 |
| 16..... | 7 | 3 | 10 | 5 | 2 | 7 | 12 | 5 | 17 | 6 | 3 | 9 | 18 | 8 | 26 |
| 17..... | 17 | 25 | 42 | 6 | 4 | 10 | 23 | 29 | 52 | 5 | 2 | 7 | 28 | 31 | 59 |
| 18..... | 25 | 30 | 55 | 7 | 3 | 10 | 32 | 33 | 65 | 4 | 4 | 8 | 36 | 37 | 73 |
| 19..... | 8 | 17 | 25 | 1 | ..... | 1 | 9 | 17 | 26 | 14 | 11 | 25 | 23 | 28 | 51 |
| 20..... | 13 | 20 | 33 | ..... | 2 | 2 | 13 | 22 | 35 | 4 | 6 | 10 | 17 | 28 | 45 |
| 21..... | 14 | 8 | 22 | 1 | 3 | 4 | 16 | 11 | 27 | 3 | ..... | 3 | 19 | 11 | 30 |
| 22..... | 13 | 10 | 23 | 3 | 2 | 5 | 16 | 12 | 28 | 1 | ..... | 1 | 17 | 12 | 29 |
| The city. | 288 | 309 | 597 | 89 | 60 | 149 | 378 | 369 | 747 | 98 | 101 | 199 | 476 | 470 | 946 |

## TABLE II—Continued.

### SEPTEMBER.

| Wards. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1..... | 8 | 14 | 22 | 4 | 5 | 9 | 13 | 19 | 32 | ..... | ..... | ..... | 13 | 19 | 32 |
| 2..... | 14 | 8 | 22 | 8 | 2 | 10 | 22 | 10 | 32 | ..... | ..... | ..... | 22 | 10 | 32 |
| 3..... | 11 | 5 | 16 | 2 | 5 | 7 | 13 | 10 | 23 | 4 | 6 | 10 | 17 | 16 | 33 |
| 4..... | 11 | 6 | 17 | 3 | 3 | 6 | 14 | 9 | 23 | 4 | 1 | 5 | 18 | 10 | 28 |
| 5..... | 8 | 10 | 18 | 4 | 1 | 5 | 12 | 11 | 23 | 1 | 7 | 8 | 13 | 18 | 31 |
| 6..... | 11 | 16 | 27 | 5 | 4 | 9 | 16 | 20 | 36 | 2 | 2 | 4 | 18 | 22 | 40 |
| 7..... | 13 | 16 | 29 | 5 | 3 | 8 | 18 | 19 | 37 | 3 | 1 | 4 | 21 | 20 | 41 |
| 8..... | 11 | 11 | 22 | 3 | 4 | 7 | 14 | 15 | 29 | 4 | 3 | 7 | 18 | 18 | 36 |
| 9..... | 11 | 7 | 18 | 5 | 2 | 7 | 16 | 9 | 25 | ..... | 3 | 3 | 16 | 12 | 28 |
| 10..... | 2 | 5 | 7 | 1 | 2 | 3 | 3 | 7 | 10 | 3 | 2 | 5 | 6 | 9 | 15 |
| 11..... | 2 | 9 | 11 | ..... | 1 | 1 | 2 | 10 | 12 | 5 | 6 | 11 | 7 | 16 | 23 |
| 12..... | 9 | 12 | 21 | 1 | 6 | 7 | 10 | 18 | 28 | 10 | 6 | 16 | 20 | 24 | 44 |
| 13..... | 10 | 3 | 13 | 3 | 4 | 7 | 13 | 7 | 20 | 8 | ..... | 8 | 21 | 7 | 28 |
| 14..... | 7 | 12 | 19 | ..... | ..... | ..... | 7 | 12 | 19 | 4 | 3 | 7 | 11 | 15 | 26 |
| 15..... | 8 | 3 | 11 | 5 | 1 | 6 | 13 | 4 | 17 | 5 | 4 | 9 | 18 | 8 | 26 |
| 16..... | 8 | 6 | 14 | 1 | 1 | 2 | 9 | 7 | 16 | 7 | 6 | 13 | 16 | 13 | 29 |
| 17..... | 15 | 12 | 27 | 3 | 4 | 7 | 18 | 16 | 34 | ..... | 1 | 1 | 18 | 17 | 35 |
| 18..... | 14 | 14 | 28 | 2 | 4 | 6 | 16 | 18 | 34 | 1 | 1 | 2 | 17 | 19 | 36 |
| 19..... | 4 | 12 | 16 | 2 | ..... | 2 | 6 | 12 | 18 | 6 | 7 | 13 | 12 | 19 | 31 |
| 20..... | 8 | 5 | 13 | 3 | 1 | 4 | 11 | 6 | 17 | 10 | 6 | 16 | 21 | 12 | 33 |
| 21..... | 8 | 8 | 16 | 2 | 1 | 3 | 10 | 9 | 19 | 1 | 3 | 4 | 11 | 12 | 23 |
| 22..... | 6 | 10 | 16 | 1 | 3 | 4 | 7 | 13 | 20 | 2 | 1 | 3 | 9 | 14 | 23 |
| The city. | 199 | 204 | 403 | 63 | 57 | 120 | 263 | 261 | 524 | 80 | 69 | 149 | 343 | 330 | 673 |

## TABLE II—Continued.

### OCTOBER.

| Wards. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1..... | 11 | 9 | 20 | 4 | 4 | 8 | 15 | 13 | 28 | 1 | ..... | 1 | 16 | 13 | 29 |
| 2..... | 5 | 15 | 20 | 7 | 7 | 14 | 13 | 22 | 35 | ..... | 1 | 1 | 13 | 23 | 36 |
| 3..... | 5 | 6 | 11 | 8 | 6 | 14 | 13 | 12 | 25 | 3 | 1 | 4 | 16 | 13 | 29 |
| 4..... | 3 | 6 | 9 | 5 | 2 | 7 | 8 | 8 | 16 | 3 | 7 | 10 | 11 | 15 | 26 |
| 5..... | 5 | 5 | 10 | 3 | 3 | 6 | 8 | 8 | 16 | 3 | 4 | 7 | 11 | 12 | 23 |
| 6..... | 17 | 14 | 31 | ..... | 1 | 1 | 17 | 15 | 32 | 4 | 4 | 8 | 21 | 19 | 40 |
| 7..... | 13 | 13 | 26 | 3 | 4 | 7 | 16 | 17 | 33 | 2 | 2 | 4 | 18 | 19 | 37 |
| 8..... | 9 | 12 | 21 | 4 | 5 | 9 | 13 | 17 | 30 | 1 | 4 | 5 | 14 | 21 | 35 |
| 9..... | 6 | 6 | 12 | 2 | 2 | 4 | 8 | 9 | 17 | 4 | 1 | 5 | 12 | 10 | 22 |
| 10..... | 7 | 4 | 11 | 2 | 3 | 5 | 9 | 7 | 16 | 4 | 5 | 9 | 13 | 12 | 25 |
| 11..... | 4 | 6 | 10 | ..... | 1 | 1 | 4 | 7 | 11 | 6 | 3 | 9 | 10 | 10 | 20 |
| 12..... | 14 | 10 | 24 | ..... | 2 | 2 | 14 | 12 | 26 | 5 | 5 | 10 | 19 | 17 | 36 |
| 13..... | 8 | 5 | 13 | 3 | 1 | 4 | 11 | 6 | 17 | 1 | 5 | 6 | 12 | 11 | 23 |
| 14..... | 13 | 8 | 21 | 2 | 3 | 5 | 16 | 11 | 27 | 5 | 2 | 7 | 21 | 13 | 34 |
| 15..... | 7 | 6 | 13 | 3 | ..... | 3 | 10 | 6 | 16 | 7 | 14 | 21 | 17 | 20 | 37 |
| 16..... | 4 | 5 | 9 | 1 | 2 | 3 | 5 | 7 | 12 | 4 | 4 | 8 | 9 | 11 | 20 |
| 17..... | 13 | 16 | 29 | 6 | 6 | 12 | 19 | 22 | 41 | ..... | 1 | 1 | 19 | 23 | 42 |
| 18..... | 12 | 11 | 23 | 6 | 2 | 8 | 18 | 13 | 31 | 7 | 3 | 10 | 25 | 16 | 41 |
| 19..... | 3 | 15 | 18 | ..... | 3 | 3 | 3 | 18 | 21 | 5 | 6 | 11 | 8 | 24 | 32 |
| 20..... | 9 | 6 | 15 | 1 | 3 | 4 | 10 | 9 | 19 | 5 | 5 | 10 | 15 | 14 | 29 |
| 21..... | 9 | 9 | 18 | 1 | ..... | 1 | 10 | 9 | 19 | 1 | 3 | 4 | 11 | 12 | 23 |
| 22..... | 13 | 10 | 23 | 3 | 5 | 8 | 16 | 15 | 31 | 3 | 2 | 5 | 19 | 17 | 36 |
| The city. | 190 | 197 | 387 | 64 | 65 | 129 | 256 | 263 | 519 | 74 | 82 | 156 | 330 | 345 | 675 |

## TABLE II—Continued.

### NOVEMBER.

| Wards. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. |
| 1..... | 15 | 8 | 23 | 4 | 2 | 6 | 20 | 10 | 30 | ..... | ..... | ..... | 20 | 10 | 30 |
| 2..... | 13 | 8 | 21 | 2 | 4 | 6 | 15 | 12 | 27 | 1 | 1 | 2 | 16 | 13 | 29 |
| 3..... | 9 | 4 | 13 | 2 | 5 | 7 | 11 | 9 | 20 | 1 | 4 | 5 | 12 | 13 | 25 |
| 4..... | 2 | 1 | 3 | 1 | 5 | 6 | 3 | 6 | 9 | 3 | 5 | 8 | 6 | 11 | 17 |
| 5..... | 4 | 5 | 9 | 3 | 1 | 4 | 7 | 6 | 13 | 3 | 1 | 4 | 10 | 7 | 17 |
| 6..... | 13 | 16 | 29 | 4 | 5 | 9 | 17 | 21 | 38 | 2 | 5 | 7 | 19 | 26 | 45 |
| 7..... | 10 | 12 | 22 | 4 | 2 | 6 | 14 | 14 | 28 | ..... | 1 | 1 | 14 | 15 | 29 |
| 8..... | 10 | 5 | 15 | 3 | 5 | 8 | 13 | 10 | 23 | 2 | 1 | 3 | 15 | 11 | 26 |
| 9..... | 11 | 2 | 13 | 6 | 1 | 7 | 17 | 3 | 20 | 4 | 3 | 7 | 21 | 6 | 27 |
| 10..... | 6 | 4 | 10 | 2 | 4 | 6 | 8 | 8 | 16 | 2 | 4 | 6 | 10 | 12 | 22 |
| 11..... | 4 | 6 | 10 | 2 | 2 | 4 | 6 | 8 | 14 | 6 | 9 | 15 | 12 | 17 | 29 |
| 12..... | 18 | 5 | 23 | ..... | 1 | 1 | 18 | 9 | 27 | 5 | 6 | 11 | 23 | 15 | 38 |
| 13..... | 6 | 5 | 11 | 1 | 1 | 2 | 7 | 6 | 13 | 5 | 2 | 7 | 12 | 8 | 20 |
| 14..... | 6 | 4 | 10 | 2 | 3 | 5 | 8 | 8 | 16 | 3 | 3 | 6 | 11 | 11 | 22 |
| 15..... | 5 | 4 | 9 | 2 | ..... | 2 | 8 | 4 | 12 | 7 | 3 | 10 | 15 | 7 | 22 |
| 16..... | 5 | 4 | 9 | 2 | 2 | 4 | 7 | 6 | 13 | 6 | 4 | 10 | 13 | 10 | 23 |
| 17..... | 6 | 2 | 8 | 2 | 2 | 4 | 8 | 4 | 12 | ..... | 1 | 1 | 8 | 5 | 13 |
| 18..... | 7 | 18 | 25 | 5 | 4 | 9 | 12 | 22 | 34 | 4 | 3 | 7 | 16 | 25 | 41 |
| 19..... | 13 | 6 | 19 | ..... | 2 | 2 | 13 | 8 | 21 | 3 | 8 | 11 | 16 | 16 | 32 |
| 20..... | 5 | 8 | 13 | 2 | 2 | 4 | 7 | 10 | 17 | 5 | 10 | 15 | 12 | 20 | 32 |
| 21..... | 3 | 10 | 13 | 3 | 3 | 6 | 7 | 13 | 20 | 1 | ..... | 1 | 8 | 13 | 21 |
| 22..... | 9 | 12 | 21 | 2 | 3 | 5 | 11 | 15 | 26 | 3 | 1 | 4 | 14 | 16 | 30 |
| The city. | 180 | 149 | 329 | 54 | 59 | 113 | 237 | 212 | 449 | 66 | 75 | 141 | 303 | 287 | 590 |

## TABLE II—Concluded.

### DECEMBER.

| Wards. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 1..... | 14 | 11 | 25 | 5 | 5 | 10 | 19 | 16 | 35 | ..... | ..... | ..... | 19 | 16 | 35 |
| 2..... | 10 | 14 | 24 | 4 | 1 | 5 | 14 | 15 | 29 | 1 | 2 | 3 | 15 | 17 | 32 |
| 3..... | 9 | 7 | 16 | 5 | 1 | 6 | 14 | 8 | 22 | 4 | 2 | 6 | 18 | 10 | 28 |
| 4..... | 3 | 5 | 8 | 5 | 1 | 6 | 8 | 6 | 14 | 5 | 4 | 9 | 13 | 10 | 23 |
| 5..... | 6 | 7 | 13 | 4 | 6 | 10 | 10 | 13 | 23 | 6 | 5 | 11 | 16 | 18 | 34 |
| 6..... | 8 | 12 | 20 | 4 | 3 | 7 | 12 | 15 | 27 | ..... | 3 | 3 | 12 | 18 | 30 |
| 7..... | 5 | 10 | 15 | 8 | 5 | 13 | 13 | 15 | 28 | 2 | 2 | 4 | 15 | 17 | 32 |
| 8..... | 11 | 7 | 18 | 3 | 5 | 8 | 14 | 12 | 26 | 5 | 2 | 7 | 19 | 14 | 33 |
| 9..... | 9 | 3 | 12 | 6 | 2 | 8 | 15 | 5 | 20 | 5 | 4 | 9 | 20 | 9 | 29 |
| 10..... | 5 | 7 | 12 | 1 | 1 | 2 | 6 | 8 | 14 | 6 | 2 | 8 | 12 | 10 | 22 |
| 11..... | 7 | 6 | 13 | 2 | 1 | 3 | 9 | 7 | 16 | 9 | 7 | 16 | 18 | 14 | 32 |
| 12..... | 10 | 11 | 21 | 1 | 3 | 4 | 11 | 14 | 25 | 4 | 8 | 12 | 15 | 22 | 37 |
| 13..... | 7 | 8 | 15 | 4 | 2 | 6 | 12 | 10 | 22 | 2 | 2 | 4 | 14 | 12 | 26 |
| 14..... | 7 | 13 | 20 | 3 | 4 | 7 | 10 | 17 | 27 | 2 | 2 | 4 | 12 | 19 | 31 |
| 15..... | 7 | 6 | 13 | 4 | 2 | 6 | 11 | 8 | 19 | 2 | 6 | 8 | 13 | 14 | 27 |
| 16..... | 7 | 7 | 14 | 2 | 3 | 5 | 9 | 10 | 19 | 3 | 7 | 10 | 12 | 17 | 29 |
| 17..... | 16 | 13 | 29 | 5 | 2 | 7 | 21 | 15 | 36 | 5 | 2 | 7 | 26 | 17 | 43 |
| 18..... | 16 | 9 | 25 | 3 | 3 | 6 | 19 | 12 | 31 | 3 | 6 | 9 | 22 | 18 | 40 |
| 19..... | 8 | 9 | 17 | 2 | 1 | 3 | 10 | 10 | 20 | 3 | 2 | 5 | 13 | 12 | 25 |
| 20..... | 4 | 8 | 12 | 3 | 4 | 7 | 7 | 12 | 19 | 8 | 9 | 17 | 15 | 21 | 36 |
| 21..... | 13 | 10 | 23 | 2 | 1 | 3 | 15 | 11 | 26 | 3 | ..... | 3 | 18 | 11 | 29 |
| 22..... | 11 | 11 | 22 | ..... | 3 | 3 | 11 | 14 | 25 | ..... | 2 | 2 | 11 | 16 | 27 |
| The city. | 193 | 194 | 387 | 76 | 59 | 135 | 270 | 253 | 523 | 78 | 79 | 157 | 348 | 332 | 680 |

# TABLE III.

**Showing the Actual Mortality in the City of Baltimore for the Year 1888, and for each Month according to Civil Condition, Race, Sex, and Nativity.**

## THE YEAR.

| Civil Condition. | Native White. | | | Foreign White. | | | White. | | | Colored. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| Single.... | 1,980 | 1,730 | 3,710 | 127 | 111 | 238 | 2,109 | 1,842 | 3,951 | 739 | 712 | 1,451 | 2,848 | 2,554 | 5,402 |
| Married... | 559 | 464 | 1,023 | 540 | 334 | 874 | 1,107 | 801 | 1,908 | 235 | 207 | 442 | 1,342 | 1,008 | 2,350 |
| Widowed. | 135 | 353 | 488 | 159 | 312 | 471 | 297 | 668 | 965 | 50 | 171 | 221 | 347 | 839 | 1,186 |
| Unknown. | 6 | 2 | 8 | 7 | 1 | 8 | 25 | 4 | 29 | 13 | 6 | 19 | 38 | 10 | 48 |
| Total... | 2,680 | 2,549 | 5,229 | 833 | 758 | 1,591 | 3,538 | 3,315 | 6,853 | 1,037 | 1,096 | 2,133 | 4,575 | 4,411 | 8,986 |

## TABLE III—Continued.

| Month. | Civil Condition | Native White. | | | Foreign White. | | | White. | | | Colored. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| January .. | Single.... | 149 | 114 | 263 | 15 | 11 | 26 | 165 | 125 | 290 | 66 | 52 | 118 | 231 | 177 | 408 |
| | Married... | 52 | 44 | 96 | 46 | 35 | 81 | 98 | 79 | 177 | 16 | 26 | 42 | 114 | 105 | 219 |
| | Widowed. | 14 | 35 | 49 | 17 | 31 | 48 | 32 | 66 | 98 | 2 | 15 | 17 | 34 | 81 | 115 |
| | Unknown. | 1 | ..... | 1 | ..... | ..... | ..... | 2 | ..... | 2 | 1 | ..... | 1 | 3 | .... | 3 |
| | Total... | 216 | 193 | 409 | 78 | 77 | 155 | 297 | 270 | 567 | 85 | 93 | 178 | 382 | 363 | 745 |
| February . | Single.... | 137 | 125 | 262 | 7 | 9 | 16 | 144 | 134 | 278 | 53 | 59 | 112 | 197 | 193 | 390 |
| | Married... | 62 | 46 | 108 | 38 | 30 | 68 | 100 | 76 | 176 | 24 | 15 | 39 | 124 | 91 | 215 |
| | Widowed. | 12 | 39 | 51 | 10 | 33 | 43 | 22 | 72 | 94 | 3 | 14 | 17 | 25 | 86 | 111 |
| | Unknown. | 1 | 1 | 2 | 1 | ..... | 1 | 2 | 1 | 3 | 1 | 3 | 4 | 3 | 4 | 7 |
| | Total... | 212 | 211 | 423 | 56 | 72 | 128 | 268 | 283 | 551 | 81 | 91 | 172 | 349 | 374 | 723 |
| March.... | Single.... | 181 | 141 | 322 | 12 | 8 | 20 | 193 | 149 | 342 | 84 | 68 | 152 | 277 | 217 | 494 |
| | Married... | 47 | 43 | 90 | 55 | 32 | 87 | 102 | 76 | 178 | 35 | 19 | 54 | 137 | 95 | 232 |
| | Widowed. | 12 | 33 | 45 | 14 | 31 | 45 | 27 | 64 | 91 | 5 | 26 | 31 | 32 | 90 | 122 |
| | Unknown. | 1 | ..... | 1 | 1 | ..... | 1 | 5 | ..... | 5 | 1 | ..... | 1 | 6 | .... | 6 |
| | Total... | 241 | 217 | 458 | 82 | 71 | 153 | 327 | 289 | 616 | 125 | 113 | 238 | 452 | 402 | 854 |

## TABLE III—Continued.

| Month. | Civil Condition | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| April..... | Single .... | 129 | 106 | 235 | 5 | 12 | 17 | 134 | 118 | 252 | 43 | 62 | 105 | 177 | 180 | 357 |
| | Married .. | 47 | 36 | 83 | 44 | 16 | 60 | 92 | 53 | 145 | 19 | 17 | 36 | 111 | 70 | 181 |
| | Widowed. | 19 | 30 | 49 | 15 | 22 | 37 | 34 | 52 | 86 | 6 | 13 | 19 | 40 | 65 | 105 |
| | Unknown | ..... | ..... | ..... | 1 | ..... | 1 | 7 | ..... | 7 | 1 | 1 | 2 | 8 | 1 | 9 |
| | Total... | 195 | 172 | 367 | 65 | 50 | 115 | 267 | 223 | 490 | 69 | 93 | 162 | 336 | 316 | 652 |
| May..... | Single .... | 133 | 86 | 219 | 3 | 6 | 9 | 136 | 92 | 228 | 51 | 42 | 93 | 187 | 134 | 321 |
| | Married .. | 35 | 41 | 76 | 38 | 28 | 66 | 73 | 69 | 142 | 19 | 15 | 34 | 92 | 84 | 176 |
| | Widowed. | 9 | 18 | 27 | 14 | 30 | 44 | 23 | 48 | 71 | 4 | 15 | 19 | 27 | 63 | 90 |
| | Unknown. | 1 | ..... | 1 | ..... | ..... | ..... | 1 | ..... | 1 | ..... | 2 | 2 | 1 | 2 | 3 |
| | Total... | 178 | 145 | 323 | 55 | 64 | 119 | 233 | 209 | 442 | 74 | 74 | 148 | 307 | 283 | 590 |
| June..... | Single .... | 185 | 186 | 371 | 13 | 3 | 16 | 198 | 189 | 387 | 61 | 75 | 136 | 259 | 264 | 523 |
| | Married... | 49 | 31 | 80 | 54 | 26 | 80 | 105 | 57 | 162 | 19 | 15 | 34 | 124 | 72 | 196 |
| | Widowed | 7 | 19 | 26 | 9 | 24 | 33 | 16 | 44 | 60 | 3 | 8 | 11 | 19 | 52 | 71 |
| | Unknown. | 1 | 1 | 2 | 1 | ..... | 1 | 2 | 1 | 3 | 2 | ..... | 2 | 4 | 1 | 5 |
| | Total... | 242 | 237 | 479 | 77 | 53 | 130 | 321 | 291 | 612 | 85 | 98 | 183 | 406 | 389 | 795 |

## TABLE III—Continued.

| Month. | Civil Condition | Native White. | | | Foreign White. | | | White. | | | Colored. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| July | Single | 287 | 255 | 542 | 15 | 15 | 30 | 302 | 270 | 572 | 91 | 98 | 189 | 393 | 368 | 761 |
| | Married | 46 | 38 | 84 | 48 | 33 | 81 | 95 | 71 | 166 | 24 | 15 | 39 | 119 | 86 | 205 |
| | Widowed | 13 | 28 | 41 | 10 | 23 | 33 | 23 | 51 | 74 | 6 | 15 | 21 | 29 | 66 | 95 |
| | Unknown | ..... | ..... | ..... | 1 | ..... | 1 | 1 | ..... | 1 | 1 | ..... | 1 | 2 | .... | 2 |
| | Total | 346 | 321 | 667 | 74 | 71 | 145 | 421 | 392 | 813 | 122 | 128 | 250 | 543 | 520 | 1063 |
| August | Single | 235 | 235 | 470 | 18 | 7 | 25 | 253 | 242 | 495 | 81 | 70 | 151 | 334 | 312 | 646 |
| | Married | 43 | 40 | 83 | 53 | 33 | 86 | 97 | 73 | 170 | 13 | 18 | 31 | 110 | 91 | 201 |
| | Widowed | 10 | 34 | 44 | 18 | 20 | 38 | 28 | 54 | 82 | 3 | 13 | 16 | 31 | 67 | 98 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | 1 | .... | 1 |
| | Total | 288 | 309 | 597 | 89 | 60 | 149 | 378 | 369 | 747 | 98 | 101 | 199 | 476 | 470 | 946 |
| September | Single | 152 | 148 | 300 | 11 | 13 | 24 | 163 | 161 | 324 | 56 | 41 | 97 | 219 | 202 | 421 |
| | Married | 36 | 32 | 68 | 42 | 18 | 60 | 78 | 50 | 128 | 19 | 16 | 35 | 97 | 66 | 163 |
| | Widowed | 11 | 24 | 35 | 9 | 26 | 35 | 20 | 50 | 70 | 4 | 12 | 16 | 24 | 62 | 86 |
| | Unknown | ..... | ..... | ..... | 1 | ..... | 1 | 2 | ..... | 2 | 1 | ..... | 1 | 3 | .... | 3 |
| | Total | 199 | 204 | 403 | 63 | 57 | 120 | 263 | 261 | 524 | 80 | 69 | 149 | 343 | 330 | 673 |

## TABLE III—Concluded.

| Month. | Civil Condition | Native White. | | | Foreign White. | | | White. | | | Colored. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| October... | Single.... | 135 | 130 | 265 | 8 | 14 | 22 | 143 | 144 | 287 | 47 | 49 | 96 | 190 | 193 | 383 |
| | Married.. | 46 | 37 | 83 | 43 | 24 | 67 | 90 | 61 | 151 | 17 | 16 | 33 | 107 | 77 | 184 |
| | Widowed. | 8 | 30 | 38 | 12 | 26 | 38 | 20 | 56 | 76 | 6 | 17 | 23 | 26 | 73 | 99 |
| | Unknown. | 1 | ..... | 1 | 1 | 1 | 2 | 3 | 2 | 5 | 4 | ..... | 4 | 7 | 2 | 9 |
| | Total... | 190 | 197 | 387 | 64 | 65 | 129 | 256 | 263 | 519 | 74 | 82 | 156 | 330 | 345 | 675 |
| November | Single.... | 117 | 95 | 212 | 10 | 6 | 16 | 128 | 102 | 230 | 50 | 45 | 95 | 178 | 147 | 325 |
| | Married.. | 54 | 31 | 85 | 32 | 31 | 63 | 87 | 63 | 150 | 10 | 18 | 28 | 97 | 81 | 178 |
| | Widowed. | 9 | 23 | 32 | 12 | 22 | 34 | 22 | 47 | 69 | 6 | 12 | 18 | 28 | 59 | 87 |
| | Unknown. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ... | .... |
| | Total.. | 180 | 149 | 329 | 54 | 59 | 113 | 237 | 212 | 449 | 66 | 75 | 141 | 303 | 287 | 590 |
| December | Single.... | 140 | 109 | 249 | 10 | 7 | 17 | 150 | 116 | 266 | 56 | 51 | 107 | 206 | 167 | 373 |
| | Married.. | 42 | 45 | 87 | 47 | 28 | 75 | 90 | 73 | 163 | 20 | 17 | 37 | 110 | 90 | 200 |
| | Widowed. | 11 | 40 | 51 | 19 | 24 | 43 | 30 | 64 | 94 | 2 | 11 | 13 | 32 | 75 | 107 |
| | Unknown. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ... | .... | .... |
| | Total... | 193 | 194 | 387 | 76 | 59 | 135 | 270 | 253 | 523 | 78 | 79 | 157 | 348 | 332 | 680 |

# TABLE IV.

**Showing the Actual Mortality in the City of Baltimore during the Year 1888, according to Cause, Race, Sex and Nativity.**

| Cause. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | MALE. | FEMALE. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| ALL CAUSES | 2,680 | 2,549 | 5,229 | 833 | 758 | 1,591 | 3,538 | 3,315 | 6,753 | 1,037 | 1,096 | 2,133 | 4,575 | 4,411 | 8,986 |
| *Total Zymotic Miasmatic* | 666 | 669 | 1,335 | 75 | 95 | 170 | 742 | 766 | 1,508 | 191 | 201 | 392 | 933 | 967 | 1,900 |
| Cholera Infantum | 238 | 244 | 482 | 5 | 5 | 10 | 243 | 249 | 492 | 65 | 78 | 143 | 308 | 327 | 635 |
| Croup | 20 | 12 | 32 | ..... | 1 | 1 | 20 | 13 | 33 | 3 | 2 | 5 | 23 | 15 | 38 |
| Diarrhœa | 35 | 37 | 72 | 7 | 9 | 16 | 42 | 46 | 88 | 16 | 21 | 37 | 58 | 67 | 125 |
| Diphtheria | 81 | 83 | 164 | 2 | 2 | 4 | 83 | 85 | 168 | 8 | 6 | 14 | 91 | 91 | 182 |
| Typhoid Fever | 53 | 47 | 100 | 22 | 20 | 42 | 75 | 68 | 143 | 17 | 10 | 27 | 92 | 78 | 170 |
| Other Zymotic Miasmatic | 239 | 246 | 485 | 39 | 58 | 97 | 279 | 305 | 584 | 82 | 84 | 166 | 361 | 389 | 750 |
| *Total Zymotic Enthetic* | 6 | 5 | 11 | ..... | ..... | ..... | 6 | 5 | 11 | 4 | 5 | 9 | 10 | 10 | 20 |
| *Total Zymotic Dietic* | 88 | 64 | 152 | 14 | 2 | 16 | 103 | 66 | 169 | 44 | 37 | 81 | 147 | 103 | 250 |
| Inanition | 57 | 49 | 106 | 5 | ..... | 5 | 62 | 49 | 111 | 35 | 31 | 66 | 97 | 80 | 177 |
| Other Zymotic Dietic | 31 | 15 | 46 | 9 | 2 | 11 | 41 | 17 | 58 | 9 | 6 | 15 | 50 | 23 | 73 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Zymotic Parasitic* | 3 | 1 | 4 | ..... | ..... | ..... | 3 | 1 | 4 | ..... | 1 | 1 | 3 | 2 | 5 |
| *Total Constitutional Diathetic* | 41 | 94 | 135 | 43 | 74 | 117 | 86 | 168 | 254 | 10 | 27 | 37 | 96 | 195 | 291 |
| Cancer | 27 | 78 | 105 | 38 | 61 | 99 | 67 | 139 | 206 | 3 | 18 | 21 | 70 | 157 | 227 |
| Other Constitutional Diathetic | 14 | 16 | 30 | 5 | 13 | 18 | 19 | 29 | 48 | 7 | 9 | 16 | 26 | 38 | 64 |
| *Total Constitutional Tubercular* | 451 | 456 | 907 | 124 | 103 | 227 | 576 | 560 | 1,136 | 227 | 237 | 464 | 803 | 797 | 1,600 |
| Consumption | 286 | 308 | 594 | 116 | 98 | 214 | 403 | 407 | 810 | 171 | 184 | 355 | 574 | 591 | 1,165 |
| Marasmus | 110 | 99 | 209 | 4 | 4 | 8 | 114 | 103 | 217 | 33 | 38 | 71 | 147 | 141 | 288 |
| Other Constitutional Tubercular | 55 | 49 | 104 | 4 | 1 | 5 | 59 | 50 | 109 | 23 | 15 | 38 | 82 | 65 | 147 |
| *Total Local Nervous* | 408 | 339 | 747 | 110 | 95 | 205 | 518 | 436 | 954 | 118 | 129 | 247 | 636 | 565 | 1,201 |
| Apoplexy | 54 | 36 | 90 | 34 | 38 | 72 | 88 | 75 | 163 | 9 | 21 | 30 | 97 | 96 | 193 |
| Convulsion | 102 | 83 | 185 | 1 | 1 | 2 | 103 | 84 | 187 | 52 | 41 | 93 | 155 | 125 | 280 |
| Meningitis | 83 | 80 | 163 | 4 | 3 | 7 | 87 | 83 | 170 | 22 | 13 | 35 | 109 | 96 | 205 |
| Paralysis | 31 | 48 | 79 | 28 | 33 | 61 | 59 | 81 | 140 | 13 | 22 | 35 | 72 | 103 | 175 |
| Other Local Nervous | 138 | 92 | 230 | 43 | 20 | 63 | 181 | 113 | 294 | 22 | 32 | 54 | 203 | 145 | 348 |
| *Total Local Circulatory* | 113 | 115 | 228 | 88 | 89 | 177 | 202 | 205 | 407 | 59 | 74 | 133 | 261 | 279 | 540 |
| Heart Disease | 110 | 114 | 224 | 83 | 88 | 171 | 194 | 203 | 397 | 58 | 70 | 128 | 252 | 273 | 525 |
| Other Local Circulatory | 3 | 1 | 4 | 5 | 1 | 6 | 8 | 2 | 10 | 1 | 4 | 5 | 9 | 6 | 15 |
| *Total Local Respiratory* | 323 | 271 | 594 | 113 | 100 | 213 | 440 | 371 | 811 | 171 | 180 | 351 | 611 | 551 | 1,162 |
| Bronchitis | 61 | 57 | 118 | 19 | 16 | 35 | 80 | 73 | 153 | 43 | 49 | 92 | 123 | 122 | 245 |
| Pneumonia | 211 | 175 | 386 | 68 | 56 | 124 | 282 | 231 | 513 | 109 | 106 | 215 | 391 | 337 | 728 |
| Other Local Respiratory | 51 | 39 | 90 | 26 | 28 | 54 | 78 | 67 | 145 | 19 | 25 | 44 | 97 | 92 | 189 |

## TABLE IV—Concluded.

| Cause. | NATIVE WHITE. | | | FOREIGN WHITE. | | | WHITE. | | | COLORED. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. |
| *Total Local Digestive* | 196 | 178 | 374 | 77 | 55 | 132 | 274 | 233 | 507 | 65 | 67 | 132 | 339 | 300 | 639 |
| *Total Local Urinary* | 92 | 74 | 166 | 62 | 27 | 89 | 157 | 101 | 258 | 35 | 27 | 62 | 192 | 128 | 320 |
| Bright's Disease | 57 | 40 | 97 | 29 | 16 | 45 | 88 | 56 | 144 | 15 | 12 | 27 | 103 | 68 | 171 |
| Other Local Urinary | 35 | 34 | 69 | 33 | 11 | 44 | 69 | 45 | 114 | 20 | 15 | 35 | 89 | 60 | 149 |
| *Total Local Locomotory and Osseous* | 7 | 5 | 12 | 4 | 3 | 7 | 11 | 8 | 19 | 4 | 3 | 7 | 15 | 11 | 26 |
| *Total Local Integumentary* | 12 | 11 | 23 | 5 | 8 | 13 | 17 | 19 | 36 | .... | 5 | 5 | 17 | 24 | 41 |
| *Total Local Generative* | .... | 10 | 10 | ..... | 3 | 3 | ..... | 13 | 13 | ..... | 2 | 2 | ..... | 15 | 15 |
| *Total Developmental—Children* | 111 | 96 | 207 | ..... | ..... | .. .. | 111 | 96 | 207 | 32 | 25 | 57 | 143 | 121 | 264 |
| Premature Birth | 79 | 60 | 139 | ..... | ..... | ..... | 79 | 60 | 139 | 24 | 23 | 47 | 103 | 83 | 186 |
| Other Developmental, Children | 32 | 36 | 68 | ..... | ..... | ..... | 32 | 36 | 68 | 8 | 2 | 10 | 40 | 38 | 78 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Developmental—Women* | ..... | 41 | 41 | .... | 18 | 18 | ..... | 59 | 59 | ..... | 26 | 26 | ..... | 85 | 85 |
| *Total Developmental—Age* | 28 | 61 | 89 | 48 | 60 | 108 | 76 | 121 | 197 | 14 | 25 | 39 | 90 | 146 | 236 |
| Old Age | 27 | 61 | 88 | 45 | 59 | 104 | 72 | 120 | 192 | 14 | 25 | 39 | 86 | 145 | 231 |
| Other Developmental, Age | 1 | .... | 1 | 3 | 1 | 4 | 4 | 1 | 5 | ..... | ..... | ..... | 4 | 1 | 5 |
| *Total Developmental—Nutrition* | 25 | 21 | 46 | 11 | 12 | 23 | 36 | 34 | 70 | 17 | 9 | 26 | 53 | 43 | 96 |
| *Total Violence* | 104 | 36 | 140 | 59 | 13 | 72 | 174 | 50 | 224 | 44 | 14 | 58 | 218 | 64 | 282 |
| *Total Unknown* | 6 | 2 | 8 | ..... | 1 | 1 | 6 | 3 | 9 | 2 | 2 | 4 | 8 | 5 | 13 |

# TABLE V.

Showing the Actual Mortality in the City of Baltimore, from each Specified Cause, according to Sex, Race, and Nativity, for the Year 1888.

| Cause. | Native White. | | Foreign White. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|
| | Male. | Female. | Male. | Female. | Male. | Female. | |
| *Zymotic Miasmatic.* | | | | | | | |
| Cholera Infantum | 238 | 244 | 5 | 5 | 65 | 78 | 635 |
| Croup | 20 | 12 | .... | 1 | 3 | 2 | 38 |
| Diarrhœa | 35 | 37 | 7 | 9 | 16 | 21 | 125 |
| Diphtheria | 81 | 83 | 2 | 2 | 8 | 6 | 182 |
| Typhoid Fever | 53 | 47 | 22 | 20 | 77 | 10 | 170 |
| Cholera Morbus | 3 | 8 | 11 | 6 | 2 | 1 | 32 |
| Dysentery | 53 | 45 | 16 | 23 | 14 | 13 | 165 |
| Entero-Colitis | 24 | 22 | 1 | 2 | 6 | 11 | 66 |
| Erysipelas | 9 | 8 | 2 | 2 | 4 | 3 | 28 |
| Intermittent Fever | 2 | 2 | 1 | 1 | ..... | ..... | 6 |
| Malarial Fever | 9 | 11 | 1 | 5 | 5 | 7 | 38 |
| Measles | 61 | 65 | ..... | 3 | 22 | 21 | 172 |
| Remittent Fever | 3 | 5 | 1 | ..... | 4 | 2 | 15 |
| Scarlatina | 19 | 24 | ..... | 1 | 2 | ..... | 46 |
| Typho-Malarial Fever | 7 | 13 | 6 | 10 | 3 | 4 | 43 |
| Whooping Cough | 40 | 38 | ..... | 1 | 19 | 22 | 120 |
| Pyæmia | 1 | 1 | ..... | ..... | ..... | ..... | 2 |
| Congestive Chill | 5 | 2 | ..... | 3 | 1 | ..... | 11 |
| Tonsilitis | 3 | 2 | ..... | 1 | ..... | ..... | 6 |
| *Total Zymotic Miasmatic* | 666 | 669 | 75 | 95 | 191 | 201 | 1,900 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *Zymotic Enthetic.* | | | | | | | |
| Syphilis | 6 | 3 | ..... | ..... | 4 | 5 | 18 |
| Septicæmia | ..... | 2 | ..... | ..... | ..... | ..... | 2 |
| *Total Zymotic Enthetic* | 6 | 5 | ..... | ..... | 4 | 5 | 20 |
| *Zymotic Dietic.* | | | | | | | |
| Malnutrition | 12 | 14 | ..... | ..... | 4 | 5 | 35 |
| Delirium Tremens | 3 | ..... | 1 | ..... | ..... | ..... | 4 |
| Intemperance | 16 | 1 | 8 | 2 | 4 | 1 | 33 |
| Purpura | ..... | ..... | ..... | ..... | 1 | ..... | 1 |
| Inanition | 57 | 49 | 5 | ..... | 35 | 31 | 177 |
| *Total Zymotic Dietic* | 88 | 64 | 14 | 2 | 44 | 37 | 250 |
| *Zymotic Parasitic.* | | | | | | | |
| Thrush | 3 | 1 | ..... | ..... | ..... | 1 | 5 |
| *Total Zymotic Parasitic* | 3 | 1 | ..... | ..... | ..... | 1 | 5 |
| *Constitutional Diathetic.* | | | | | | | |
| Cancer (not specified) | 1 | ..... | 1 | 4 | ..... | ..... | 6 |
| " of Breast | ..... | 13 | ..... | 10 | ..... | 7 | 30 |
| " " Face | 4 | ..... | 1 | ..... | ..... | ..... | 5 |
| " " Intestines | 2 | 1 | 1 | 2 | 1 | ..... | 8 |
| " " Kidney | ..... | ..... | ..... | 1 | ..... | ..... | 1 |
| " " Liver | 3 | 10 | 11 | 9 | ..... | ..... | 33 |
| " " Larynx | 1 | ..... | ..... | ..... | ..... | ..... | 1 |
| " " Rectum | 1 | ..... | ..... | 1 | ..... | 1 | 3 |
| " " Stomach | 8 | 8 | 13 | 16 | 1 | 3 | 50 |
| " " Uterus | ..... | 33 | ..... | 12 | ..... | 5 | 50 |
| " " Abdomen | 2 | ..... | ..... | 1 | ..... | ..... | 3 |
| " " Tongue | 1 | ..... | 1 | ..... | 1 | 1 | 4 |

## TABLE V—Continued.

| Cause. | Native White. | | Foreign White. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|
| | Male. | Female | Male. | Female. | Male. | Female. | |
| *Constitutional Diathetic—Continued.* | | | | | | | |
| Cancer of Groin | 1 | | | | | | 1 |
| " " Omentum | 1 | 1 | 1 | 1 | | | 4 |
| " " Pancreas | 1 | | | | | | 1 |
| Cancrum Oris | 1 | 1 | | | | | 2 |
| Cancer of Ovaries | | 2 | | | | | 2 |
| " " Pylorus | | 2 | 1 | | | | 3 |
| " " Vulva | | 2 | | 2 | | | 4 |
| " " Hip | | 1 | | | | | 1 |
| " " Pelvis | | 1 | | 1 | | | 2 |
| " " Leg | | 1 | | | | | 1 |
| " " Mesentery | | 1 | 1 | | | | 2 |
| " " Arm | | 1 | | | | | 1 |
| " " Ventriculi | | | 1 | | | | 1 |
| " " Neck | | | 3 | | | | 3 |
| " " Œsophagus | | | 1 | | | | 1 |
| " " Inferior Maxillary | | | 2 | | | | 2 |
| " " Vagina | | | | 1 | | | 1 |
| " " Jaw | | | | | | 1 | 1 |
| Anæmia | 3 | 4 | | | | | 7 |
| Dropsy | 5 | 3 | 2 | 10 | 2 | 1 | 23 |
| Rheumatism | 6 | 9 | 3 | 3 | 5 | 8 | 34 |
| *Total Constitutional Diathetic* | 41 | 94 | 43 | 74 | 10 | 27 | 291 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *Constitutional Tubercular.* | | | | | | | |
| Consumption | 286 | 308 | 116 | 98 | 171 | 184 | 1,165 |
| Marasmus | 110 | 99 | 4 | 4 | 33 | 38 | 288 |
| Consumption of Bowels | 1 | 2 | 2 | ..... | 1 | ..... | 6 |
| Hydrocephalus | 12 | 8 | ..... | ..... | 1 | 1 | 22 |
| Rachitis | ..... | 1 | ..... | ..... | 1 | 1 | 3 |
| Scrofula | 2 | 2 | 1 | ..... | 7 | 7 | 19 |
| Tabes Mesenterica | 5 | 4 | ..... | 1 | 3 | 1 | 14 |
| Tubercular Meningitis | 35 | 32 | 1 | ..... | 8 | 5 | 81 |
| Psoas Abscess | ..... | ..... | ..... | ..... | 2 | ..... | 2 |
| *Total Constitutional Tubercular* | 451 | 456 | 124 | 103 | 227 | 237 | 1,600 |
| *Local Nervous.* | | | | | | | |
| Apoplexy | 54 | 36 | 34 | 38 | 9 | 21 | 193 |
| Convulsions | 102 | 83 | 1 | 1 | 52 | 41 | 280 |
| Paralysis | 31 | 48 | 28 | 33 | 13 | 22 | 175 |
| Congestion of Brain | 35 | 21 | 7 | 4 | 5 | 9 | 81 |
| Inflammation of Brain | 11 | 12 | 3 | ..... | 3 | 2 | 31 |
| Epilepsy | 6 | 6 | ..... | 1 | ..... | 1 | 14 |
| Insanity | ..... | 2 | 2 | 2 | ..... | 2 | 8 |
| Laryngismus Stridulus | 1 | 1 | ..... | ..... | ..... | ..... | 2 |
| Myelitis | 3 | 3 | ..... | ..... | 1 | 2 | 9 |
| Softening of Brain | 12 | 5 | 11 | 3 | ..... | 1 | 33 |
| Insolation | 9 | 4 | 3 | ..... | 3 | ..... | 19 |
| Trismus Nascentium | 19 | 12 | ..... | ..... | ..... | 2 | 33 |
| Tumor of Brain | 3 | 2 | 2 | 1 | ..... | ..... | 8 |
| Hemorrhage of Brain | 7 | 8 | 6 | 5 | 5 | 4 | 35 |
| Effusion of Brain | 7 | 4 | 1 | 1 | 3 | ..... | 16 |
| Abscess of Brain | 3 | 1 | 1 | ..... | ..... | ..... | 5 |
| Nervous Prostration | 4 | 2 | ..... | 2 | 1 | ..... | 9 |
| Tetanus | 11 | 4 | 2 | 1 | 1 | 4 | 23 |
| Cerebral Embolism | 2 | ..... | 1 | ..... | ..... | 1 | 4 |
| Spinal Stenosis | 1 | ..... | ..... | ..... | ..... | ..... | 1 |

## TABLE V—Continued.

| Cause | Native White. | | Foreign White. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|
| | Male. | Female. | Male. | Female. | Male. | Female. | |
| *Local Nervous—Continued.* | | | | | | | |
| Cerebral Schlerosis | 1 | | | | | | 1 |
| Spinal Schlerosis | 1 | 1 | 1 | | | | 3 |
| Neurasthenia | 1 | 3 | 1 | | | 1 | 6 |
| Glioma | 1 | | | | | | 1 |
| Locomotor Ataxia | | 1 | 2 | | | 2 | 5 |
| Neuralgia | | | | | | 1 | 1 |
| Meningitis (not specified) | 63 | 55 | 1 | 3 | 15 | 7 | 144 |
| " Cerebral | 11 | 14 | 3 | | 2 | 2 | 32 |
| " Cerebro-Spinal | 7 | 11 | | | 2 | 4 | 24 |
| " Spinal | 2 | | | | 3 | | 5 |
| *Total Local Nervous* | 408 | 339 | 110 | 95 | 118 | 129 | 1,201 |
| *Local Circulatory.* | | | | | | | |
| *Heart Disease (not specified)* | 33 | 24 | 14 | 20 | 17 | 24 | 132 |
| Cardiac Dropsy | 2 | | 1 | | 1 | | 4 |
| Angina Pectoris | 6 | 4 | 3 | 1 | | | 14 |
| Embolism | 1 | 1 | | 1 | | | 3 |
| Endocarditis | 2 | 11 | 3 | 2 | 2 | 6 | 26 |
| Fatty Degeneration | 2 | 8 | 9 | 5 | 1 | 3 | 28 |
| Hypertrophy | 2 | 7 | 3 | 4 | 2 | 1 | 19 |
| Pericarditis | 3 | 4 | 4 | 3 | 3 | 1 | 18 |
| Syncope | 4 | 2 | 2 | 4 | 3 | 3 | 19 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Valvular | 36 | 29 | 31 | 32 | 20 | 23 | 172 |
| Paralysis | 11 | 10 | 8 | 4 | 4 | 1 | 38 |
| Heart Failure | 8 | 13 | 5 | 12 | 4 | 8 | 50 |
| Cardiac Neuralgia | ..... | 1 | ..... | ..... | 1 | ..... | 2 |
| Aneurism Aorta | 2 | 1 | 4 | ..... | 1 | 3 | 11 |
| Phlebitis | 1 | ..... | ..... | 1 | ..... | ..... | 2 |
| Thoracic Aneurism | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| Epistaxis | ..... | ..... | ..... | ..... | ..... | 1 | 1 |
| *Total Local Circulatory* | 113 | 115 | 88 | 89 | 59 | 74 | 540 |
| *Local Respiratory.* | | | | | | | |
| Asthma | 7 | 6 | 5 | 2 | 2 | 6 | 28 |
| Bronchitis | 61 | 57 | 19 | 16 | 43 | 49 | 245 |
| Congestion of Lungs | 23 | 14 | 9 | 12 | 6 | 8 | 73 |
| Empyæma | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| Gangrene of Lungs | ..... | ..... | ..... | ..... | 1 | ..... | 1 |
| Hemorrhage of Lungs | 6 | 3 | 7 | 5 | 4 | 2 | 27 |
| Hydrothorax | ..... | 1 | ..... | ..... | ..... | ..... | 1 |
| Laryngitis | 3 | 9 | ..... | 2 | 1 | ..... | 15 |
| Pleuritis | 7 | 1 | 3 | 5 | 3 | 3 | 22 |
| Pneumonia | 211 | 175 | 68 | 56 | 109 | 106 | 728 |
| Pulmonary Apoplexy | 1 | ..... | ..... | ..... | ..... | 1 | 2 |
| Œdema of Glottidis | 1 | ..... | ..... | ..... | ..... | ..... | 1 |
| " of Lungs | 2 | 2 | 1 | ..... | ..... | 2 | 7 |
| Catarrh | 1 | 1 | ..... | 1 | 1 | 1 | 5 |
| Abcess of Lung | ..... | 1 | ..... | ..... | ..... | ..... | 1 |
| Pharyngitis | ..... | 1 | ..... | ..... | ..... | ..... | 1 |
| Emphysema | ..... | ..... | ..... | 1 | 1 | ..... | 2 |
| Glioma of Nose | ..... | ..... | ..... | ..... | ..... | 1 | 1 |
| Tumor of Pharynx | ..... | ..... | ..... | ..... | ..... | 1 | 1 |
| *Total Local Respiratory* | 323 | 271 | 113 | 100 | 171 | 180 | 1,162 |

TABLE V—Continued.

| Cause. | Native White. | | Foreign White. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|
| | Male. | Female. | Male. | Female. | Male. | Female. | |
| *Local Digestive.* | | | | | | | |
| Cirrhosis of Liver | 15 | 3 | 18 | 11 | 2 | | 49 |
| Dyspepsia | 2 | 1 | 1 | | | 1 | 5 |
| Enteritis | 23 | 28 | 7 | 5 | 11 | 10 | 84 |
| Gastritis | 17 | 22 | 7 | 8 | 7 | 7 | 69 |
| Gastro Enteritis | 42 | 38 | 5 | 2 | 10 | 13 | 110 |
| Hepatitis | 3 | 2 | 3 | 4 | 1 | 1 | 14 |
| Hernia | 3 | | 4 | | 4 | | 11 |
| Intussusception of Intestines | 6 | 3 | 2 | | | 1 | 12 |
| Peritonitis | 8 | 16 | 8 | 8 | 4 | 10 | 54 |
| Stomatitis | 2 | 2 | | | 2 | 1 | 7 |
| Ulcer of Stomach | 2 | 4 | 4 | | | 3 | 13 |
| Dentition | 27 | 32 | | | 12 | 12 | 83 |
| Indigestion | 7 | 7 | 1 | | 4 | 3 | 22 |
| Abscess of Liver | 1 | 1 | 4 | 1 | 1 | | 8 |
| " of Rectum | 1 | | | | | | 1 |
| Jaundice | 11 | 1 | 2 | 3 | 1 | 1 | 19 |
| Ascites | 3 | 3 | | | 2 | 1 | 9 |
| Ileus | 1 | | | 1 | | | 2 |
| Colic | 1 | | | | | | 1 |
| Colitis | 3 | 2 | 1 | | | 1 | 7 |
| Leucocythenia | 1 | 1 | | | | 1 | 3 |
| Yellow Atrophy of Liver | 1 | | | | | | 1 |
| Hemorrhage of Stomach | 2 | | 1 | | | | 3 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Tumor of Stomach | 2 | | | | | | 2 |
| Ulcer of Intestines | 1 | | | | | | 1 |
| Obstruction of Bowels | 5 | 2 | 2 | 5 | 1 | 1 | 14 |
| Congestion of Bowels | 1 | 1 | | 1 | | | 3 |
| Pericious Anæmia | 2 | 1 | | 1 | | | 4 |
| Typhlitis | 3 | 1 | | 1 | | | 5 |
| Adenitis | | 1 | | | | | 1 |
| Invagination of Bowels | | 1 | | | | | 1 |
| Lymphadenosis | | 1 | | | | | 1 |
| Congestion of Liver | | 1 | | | | | 1 |
| Stricture of Rectum | | 1 | 1 | | | | 2 |
| Amyloid Liver | | 1 | | | | | 1 |
| Hypertrophy of Liver | | 1 | 1 | 1 | 1 | | 4 |
| Hemorrhage of Bowels | | | 1 | 1 | | | 2 |
| Fistula | | | 1 | 1 | | | 2 |
| Perityphlitis | | | 1 | | | | 1 |
| Occlusion of Intestines | | | 1 | | | | 1 |
| Stricture of Œsophagus | | | 1 | | | | 1 |
| Stricture of Bowels | | | | 1 | | | 1 |
| Biliary Calculus | | | | 1 | | | 1 |
| Hæmatemesis | | | | 1 | | | 1 |
| Tumor of Liver | | | | | 1 | | 1 |
| Tumor of Spleen | | | | | 1 | | 1 |
| *Total Local Digestive* | 196 | 178 | 77 | 55 | 65 | 67 | 639 |
| *Local Urinary.* | | | | | | | |
| Bright's Disease | 57 | 40 | 29 | 16 | 15 | 12 | 171 |
| Calculus | | 1 | | | | | 1 |
| Cirrhosis of Kidney | 1 | | | | | | 1 |
| Cystitis | 7 | | 5 | 1 | 6 | 1 | 20 |
| Diabetes | 5 | 5 | 4 | 3 | | 1 | 18 |
| Hypertrophy of Prostate | 1 | | 2 | | | | 3 |
| Nephritis | 10 | 15 | 16 | 5 | 9 | 8 | 64 |

## TABLE V—Continued.

| Cause. | Native White. | | Foreign White. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|
| | Male. | Female. | Male. | Female. | Male. | Female. | |
| *Local Urinary—Continued.* | | | | | | | |
| Prostatitis | 1 | ..... | 1 | ..... | 2 | ..... | 4 |
| Pyelitis | ..... | 1 | ..... | ..... | ..... | 1 | 2 |
| Uræmia | 2 | 3 | 1 | ..... | 1 | 3 | 10 |
| Albuminuria | 4 | 8 | 3 | ..... | ..... | 1 | 16 |
| Stricture of Urethra | 2 | ..... | ..... | ..... | ..... | ..... | 2 |
| Addison's Disease | 1 | ..... | 1 | ..... | ..... | ..... | 2 |
| Hemorrhage of Kidney | 1 | ..... | ..... | ..... | ..... | ..... | 1 |
| Tumor of Kidney | ..... | 1 | ..... | ..... | ..... | ..... | 1 |
| Abscess of Kidney | ..... | ..... | ..... | 2 | ..... | ..... | 2 |
| Surgical Kidney | ..... | ..... | ..... | ..... | 1 | ..... | 1 |
| Retention of Urine | ..... | ..... | ..... | ..... | 1 | ..... | 1 |
| *Total Local Urinary* | 92 | 74 | 62 | 27 | 35 | 27 | 320 |
| *Local Generative.* | | | | | | | |
| Ovarian Cyst | ..... | 3 | ..... | 1 | ..... | ..... | 4 |
| Ovarian Tumor | ..... | 6 | ..... | 2 | ..... | 2 | 10 |
| Ovaritis | ..... | 1 | ..... | ..... | ..... | ..... | 1 |
| *Total Local Generative* | ..... | 10 | ..... | 3 | ..... | 2 | 15 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *Local Locomotory and Osseous.* | | | | | | | |
| Caries | | | 1 | | | | 2 |
| Caries of Spine | 2 | | 1 | | 1 | 2 | 6 |
| Cellulitis | 2 | 2 | 1 | 2 | | 1 | 8 |
| Hip Disease | | 2 | | | | | 2 |
| Necrosis | 2 | 1 | 1 | 1 | 1 | | 6 |
| Arthritis | | | | | 1 | | 1 |
| Spinal Disease | | | | | 1 | | 1 |
| *Total Local Locomotory and Osseous* | 7 | 5 | 4 | 3 | 4 | 3 | 26 |
| *Local Integumentary.* | | | | | | | |
| Abscess | 6 | 5 | 2 | 2 | | | 15 |
| Gangrene | 3 | 3 | 2 | | | | 8 |
| Tumor | 1 | 2 | 1 | 4 | | | 8 |
| Ulcer | 1 | | | 2 | | 2 | 5 |
| Pemphigus | | 1 | | | | 1 | 2 |
| Carbuncle | 1 | | | | | 1 | 2 |
| Elephantiais | | | | | | 1 | 1 |
| *Total Local Integumentary* | 12 | 11 | 5 | 8 | | 5 | 41 |
| *Developmental Diseases of Children.* | | | | | | | |
| Premature Birth | 79 | 60 | | | 24 | 23 | 186 |
| Nonclosure of Foramen Ovale | 2 | | | | | | 2 |
| Deformity and Imperfect Development | 2 | 3 | | | | | 5 |
| Imperforate Anus | 1 | | | | | | 1 |
| Asphyxia | 3 | 4 | | | | | 7 |
| Protracted, Tedious and Difficult Delivery | 8 | 4 | | | 4 | | 16 |
| Atelectasis Pulmonem | 3 | 3 | | | | | 6 |
| Cyanosis | 12 | 17 | | | 1 | | 30 |
| Spina Bifida | 1 | 4 | | | | | 5 |
| Hemorrhage from Umbilicus | | 1 | | | 3 | 2 | 6 |
| *Total Developmental Diseases of Children* | 111 | 96 | | | 32 | 25 | 264 |

## TABLE V—Concluded.

| Cause. | Native White. | | Foreign White. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|
| | Male. | Female. | Male. | Female. | Male. | Female. | |
| *Developmental Diseases of Women.* | | | | | | | |
| Childbirth | ..... | 5 | ..... | 1 | ..... | 6 | 12 |
| Postpartum Hemorrhage | ..... | 3 | ..... | 3 | ..... | 2 | 8 |
| Miscarriage and Abortion | ..... | 6 | ..... | 1 | ..... | 5 | 12 |
| Puerperal Convulsions | ..... | 3 | ..... | ..... | ..... | 1 | 4 |
| " Peritonitis | ..... | 10 | ..... | 3 | ..... | 4 | 17 |
| " Septicæmia | ..... | 8 | ..... | 4 | ..... | 5 | 17 |
| " Fever | ..... | 6 | ..... | 5 | ..... | 2 | 13 |
| Overlactation | ..... | ..... | ..... | 1 | ..... | ..... | 1 |
| Puerperal Mania | ..... | ..... | ..... | ..... | ..... | 1 | 1 |
| *Total Developmental Diseases of Women* | ..... | 41 | ..... | 18 | ..... | 26 | 85 |
| *Developmental Diseases of Age.* | | | | | | | |
| Old Age | 27 | 61 | 45 | 59 | 14 | 25 | 231 |
| Senile Grangrine | 1 | ..... | 3 | 1 | ..... | ..... | 5 |
| *Total Developmental Diseases of Age* | 28 | 61 | 48 | 60 | 14 | 25 | 236 |
| *Developmental Diseases of Nutrition.* | | | | | | | |
| Asthenia | 24 | 19 | 11 | 12 | 16 | 9 | 92 |
| Atrophy | 1 | 2 | ..... | ..... | 1 | ..... | 4 |
| *Total Developmental Diseases of Nutrition* | 25 | 21 | 11 | 12 | 17 | 9 | 96 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *Violence.* | | | | | | | |
| Burns and Scalds | 10 | 12 | 2 | 2 | 3 | 8 | 38 |
| Drowning | 20 | 1 | 8 | ..... | 8 | ..... | 45 |
| Falls | 12 | 3 | 7 | 1 | 4 | ..... | 27 |
| Fractures and Contusions | 14 | 5 | 12 | 5 | 5 | ..... | 42 |
| Suffocation | 5 | ..... | 1 | 2 | 4 | 2 | 14 |
| Surgical Operations | 2 | 7 | ..... | 1 | ..... | ..... | 10 |
| Vehicles in Streets | 3 | ..... | 1 | ..... | 1 | ..... | 5 |
| Homicide | 5 | 1 | 1 | ..... | 4 | ..... | 11 |
| Suicide | 8 | 3 | 17 | 2 | 2 | 1 | 33 |
| Gunshot Wounds | 1 | ..... | 1 | ..... | ..... | ..... | 2 |
| Railroad Casualties | 6 | ..... | 4 | ..... | 3 | 1 | 16 |
| Poison | 6 | 3 | 1 | ..... | 1 | 1 | 12 |
| Other Injuries | 9 | 1 | 1 | ..... | 3 | ..... | 14 |
| Electric Shock | 1 | ..... | ..... | ..... | ..... | ..... | 1 |
| Strangulated by Swallowing Stone | 1 | ..... | ..... | ..... | ..... | ..... | 1 |
| Crushed by Falling Objects | 1 | ..... | 3 | ..... | ..... | ..... | 4 |
| Exposure | ..... | ..... | ..... | ..... | 5 | 1 | 6 |
| Lightning Stroke | ..... | ..... | ..... | ..... | 1 | ..... | 1 |
| *Total Deaths by Violence* | 104 | 36 | 59 | 13 | 44 | 14 | 282 |
| Cause Unknown | 6 | 2 | ..... | 1 | 2 | 2 | 13 |

# TABLE VI.

Showing the Actual Mortality in the City of Baltimore, and in each Ward, for the Year 1888, according to Cause.

| Cause. | Wards. | | | | | | | | | | | | | | | | | | | | | The City. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| All Causes | 473 | 479 | 377 | 360 | 354 | 539 | 475 | 487 | 388 | 321 | 340 | 588 | 358 | 422 | 386 | 316 | 458 | 544 | 455 | 446 | 195 | 225 | 8,986 |
| *Total Zymotic Miasmatic* | 134 | 134 | 61 | 78 | 63 | 120 | 100 | 85 | 57 | 55 | 48 | 113 | 58 | 82 | 79 | 67 | 117 | 134 | 93 | 92 | 66 | 64 | 1,900 |
| Cholera Infantum | 61 | 63 | 23 | 26 | 14 | 44 | 22 | 21 | 17 | 16 | 17 | 32 | 16 | 27 | 32 | 17 | 51 | 54 | 21 | 18 | 21 | 22 | 635 |
| Croup | 8 | 6 | ... | ... | 1 | ... | 1 | 2 | 1 | ... | ... | 1 | 2 | 2 | ... | ... | 2 | 4 | 3 | 3 | ... | 2 | 38 |
| Diarrhœa | 5 | 16 | 1 | 6 | 6 | 3 | 7 | 6 | 5 | 3 | 4 | 8 | 3 | 4 | 5 | 6 | 3 | 10 | 9 | 7 | 4 | 4 | 125 |
| Diphtheria | 7 | 3 | 13 | 11 | 3 | 8 | 12 | 5 | 2 | 5 | 2 | 8 | 9 | 11 | 8 | 2 | 16 | 14 | 9 | 5 | 15 | 14 | 182 |
| Typhoid Fever | 10 | 2 | 6 | 5 | 8 | 6 | 16 | 6 | 5 | 7 | 7 | 11 | 12 | 7 | 5 | 6 | 8 | 10 | 8 | 9 | 6 | 10 | 170 |
| Other Zymotic Miasmatic | 43 | 44 | 18 | 30 | 31 | 59 | 42 | 45 | 27 | 24 | 18 | 53 | 16 | 31 | 29 | 36 | 37 | 42 | 43 | 50 | 20 | 12 | 750 |
| *Total Zymotic Enthetic* | ... | ... | 1 | 1 | 1 | 2 | 1 | 1 | ... | ... | 1 | ... | 2 | 2 | 3 | ... | ... | 1 | 2 | 1 | 1 | .. | 20 |
| *Total Zymotic Dietic* | 10 | 13 | 19 | 9 | 4 | 13 | 10 | 8 | 9 | 9 | 9 | 5 | 8 | 28 | 12 | 14 | 16 | 20 | 11 | 17 | 6 | ... | 250 |
| Inanition | 8 | 10 | 11 | 7 | 4 | 12 | 9 | 4 | 3 | 8 | 6 | 5 | 6 | 7 | 8 | 7 | 15 | 17 | 11 | 16 | 3 | ... | 177 |
| Other Zymotic Dietic | 2 | 3 | 8 | 2 | ... | 1 | 1 | 4 | 6 | 1 | 3 | ... | 2 | 21 | 4 | 7 | 1 | 3 | ... | 1 | 3 | ... | 73 |
| *Total Zymotic Parasitic* | 1 | ... | .. | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | 5 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Constitutional Diathetic* | 16 | 13 | 10 | 12 | 7 | 28 | 22 | 14 | 12 | 9 | 23 | 22 | 11 | 7 | 6 | 12 | 14 | 10 | 14 | 16 | 5 | 8 | 291 |
| Cancer | 15 | 8 | 8 | 7 | 5 | 19 | 19 | 12 | 9 | 8 | 20 | 19 | 9 | 7 | 3 | 8 | 9 | 7 | 12 | 11 | 5 | 7 | 227 |
| Other Constitutional Diathetic | 1 | 5 | 2 | 5 | 2 | 9 | 3 | 2 | 3 | 1 | 3 | 3 | 2 | ... | 3 | 4 | 5 | 3 | 2 | 5 | ... | 1 | 64 |
| *Total Constitutional Tubercular* | 74 | 54 | 63 | 61 | 68 | 95 | 88 | 93 | 68 | 65 | 67 | 151 | 55 | 92 | 80 | 48 | 61 | 86 | 82 | 83 | 29 | 37 | 1,600 |
| Consumption | 49 | 37 | 46 | 44 | 53 | 67 | 64 | 73 | 50 | 53 | 54 | 86 | 42 | 71 | 65 | 43 | 48 | 57 | 61 | 60 | 17 | 25 | 1,165 |
| Marasmus | 14 | 9 | 12 | 10 | 11 | 17 | 17 | 10 | 10 | 9 | 11 | 53 | 9 | 16 | 9 | 5 | 7 | 19 | 12 | 17 | 4 | 7 | 288 |
| Other Constitutional Tubercular | 11 | 8 | 5 | 7 | 4 | 11 | 7 | 10 | 8 | 3 | 2 | 12 | 4 | 5 | 6 | ... | 6 | 10 | 9 | 6 | 8 | 5 | 147 |
| *Total Local Nervous* | 87 | 76 | 58 | 41 | 63 | 65 | 60 | 59 | 48 | 40 | 46 | 80 | 43 | 49 | 40 | 49 | 54 | 67 | 54 | 63 | 29 | 30 | 1,201 |
| Apoplexy | 7 | 5 | 7 | 5 | 14 | 9 | 11 | 12 | 10 | 6 | 7 | 15 | 6 | 11 | 4 | 13 | 7 | 9 | 12 | 14 | 6 | 3 | 193 |
| Convulsions | 31 | 27 | 14 | 10 | 11 | 21 | 11 | 13 | 5 | 8 | 9 | 13 | 7 | 4 | 14 | 10 | 13 | 15 | 15 | 18 | 5 | 6 | 280 |
| Meningitis | 18 | 10 | 10 | 6 | 12 | 12 | 14 | 7 | 7 | 6 | 6 | 11 | 8 | 8 | 11 | 7 | 17 | 13 | 9 | 5 | 3 | 5 | 205 |
| Paralysis | 13 | 4 | 11 | 7 | 12 | 7 | 8 | 13 | 8 | 6 | 9 | 11 | 5 | 12 | 5 | 7 | 4 | 5 | 7 | 11 | 5 | 5 | 175 |
| Other Local Nervous | 18 | 30 | 16 | 13 | 14 | 16 | 16 | 14 | 18 | 14 | 15 | 30 | 17 | 14 | 6 | 12 | 13 | 25 | 11 | 15 | 10 | 11 | 348 |
| *Total Local Circulatory* | 19 | 29 | 25 | 26 | 14 | 28 | 27 | 31 | 33 | 27 | 26 | 40 | 25 | 32 | 18 | 12 | 18 | 28 | 25 | 31 | 5 | 21 | 540 |
| Heart Disease | 18 | 26 | 25 | 26 | 14 | 26 | 27 | 29 | 32 | 27 | 26 | 40 | 24 | 32 | 18 | 11 | 18 | 28 | 24 | 30 | 5 | 19 | 525 |
| Other Local Circulatory | 1 | 3 | ... | ... | .. | 2 | ... | 2 | 1 | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | 1 | 1 | ... | 2 | 15 |
| *Total Local Respiratory* | 49 | 67 | 35 | 42 | 52 | 71 | 51 | 78 | 48 | 42 | 41 | 70 | 53 | 45 | 65 | 48 | 75 | 73 | 66 | 57 | 17 | 17 | 1,162 |
| Bronchitis | 7 | 3 | 3 | 9 | 9 | 16 | 9 | 18 | 8 | 12 | 12 | 17 | 17 | 12 | 19 | 9 | 9 | 15 | 17 | 15 | 7 | 2 | 245 |
| Pneumonia | 34 | 58 | 19 | 26 | 34 | 42 | 31 | 44 | 29 | 23 | 21 | 43 | 26 | 27 | 32 | 36 | 57 | 46 | 40 | 38 | 8 | 14 | 728 |
| Other Local Respiratory | 8 | 6 | 13 | 7 | 9 | 13 | 11 | 16 | 11 | 7 | 8 | 10 | 10 | 6 | 14 | 3 | 9 | 12 | 9 | 4 | 2 | 1 | 189 |
| *Total Local Digestive* | 25 | 31 | 42 | 26 | 27 | 44 | 45 | 37 | 16 | 20 | 23 | 24 | 30 | 30 | 23 | 25 | 43 | 54 | 28 | 19 | 14 | 13 | 639 |

## TABLE VI—Concluded.

| Cause. | Wards. | | | | | | | | | | | | | | | | | | | | | The City. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| *Total Local Urinary* | 10 | 6 | 13 | 12 | 16 | 14 | 17 | 20 | 28 | 20 | 11 | 22 | 21 | 9 | 14 | 10 | 10 | 15 | 21 | 21 | 4 | 6 | 320 |
| Bright's Disease | 6 | 4 | 8 | 7 | 7 | 5 | 4 | 12 | 22 | 12 | 6 | 16 | 6 | 5 | 6 | 4 | 8 | 7 | 11 | 9 | 4 | 1 | 171 |
| Other Local Urinary | 4 | 2 | 5 | 5 | 9 | 9 | 13 | 7 | 6 | 8 | 5 | 6 | 15 | 4 | 8 | 6 | 2 | 8 | 10 | 12 | ... | 5 | 149 |
| *Total Local Generative* | ... | ... | ... | ... | ... | ... | 2 | 1 | ... | 2 | 1 | 2 | 1 | 2 | 1 | ... | 1 | ... | 2 | ... | ... | ... | 15 |
| *Total Local Locomotory and Osseous.* | ... | 1 | ... | ... | 1 | 1 | 2 | 2 | 1 | 1 | 3 | 3 | 2 | ... | 1 | 2 | ... | 3 | 2 | ... | 1 | ... | 26 |
| *Total Local Integumentary,* | 4 | 1 | 1 | 3 | 4 | 2 | 5 | 1 | 1 | 1 | 1 | 3 | 3 | 2 | ... | ... | 1 | 1 | 1 | 2 | 1 | 3 | 41 |
| *Total Developmental—Children* | 18 | 17 | 14 | 13 | 10 | 16 | 9 | 12 | 7 | 9 | 10 | 11 | 8 | 22 | 9 | 5 | 15 | 14 | 17 | 14 | 3 | 11 | 264 |
| Premature Birth | 13 | 11 | 9 | 11 | 7 | 8 | 8 | 6 | 4 | 6 | 9 | 6 | 6 | 15 | 6 | 5 | 12 | 10 | 14 | 9 | 3 | 8 | 186 |
| Other Developmental—Children | 5 | 6 | 5 | 2 | 3 | 8 | 1 | 6 | 3 | 3 | 1 | 5 | 2 | 7 | 3 | ... | 3 | 4 | 3 | 5 | ... | 3 | 78 |
| *Total Developmental—Women* | 4 | 5 | 5 | 5 | 6 | 4 | 3 | 7 | 4 | 1 | 3 | 8 | 1 | 2 | 7 | 2 | 1 | 6 | 3 | 5 | 2 | 1 | 85 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Developmental—Age* | 14 | 7 | 9 | 10 | 10 | 18 | 19 | 18 | 10 | 8 | 15 | 14 | 6 | 9 | 11 | 8 | 5 | 6 | 17 | 15 | 2 | 5 | 236 |
| Old Age | 14 | 7 | 9 | 10 | 9 | 18 | 19 | 17 | 10 | 8 | 15 | 14 | 6 | 7 | 11 | 8 | 5 | 5 | 17 | 15 | 2 | 5 | 231 |
| Other Developmental Age | | | | | 1 | | | 1 | | | | | | 2 | | | | 1 | | | | | 5 |
| *Total Developmental—Nutrition* | 5 | 1 | 7 | 5 | 4 | 7 | 3 | 8 | 6 | 2 | 3 | 6 | 5 | 6 | 2 | 3 | 1 | 6 | 9 | 4 | 1 | 2 | 96 |
| *Total Violence* | 12 | 12 | 14 | 14 | 3 | 11 | 11 | 10 | 38 | 10 | 9 | 13 | 26 | 3 | 13 | 11 | 26 | 18 | 7 | 6 | 9 | 6 | 282 |
| *Unknown* | 1 | 2 | | 1 | 1 | | | 1 | 2 | | | 1 | | | 1 | | | 1 | 1 | | | 1 | 13 |

# TABLE VII.

Showing the Actual Mortality in the City of Baltimore for the Year 1888, according to Cause, Sex, Race, Nativity, and Civil Condition.

| Cause. | Civil Condition. | Native White. | | Foreign White. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|---|
| | | Male. | Female. | Male. | Female. | Male. | Female. | |
| All Causes | Single | 1,980 | 1,730 | 127 | 111 | 739 | 712 | 5,402 |
| | Married | 559 | 464 | 540 | 334 | 235 | 207 | 2,350 |
| | Widowed | 135 | 353 | 159 | 312 | 50 | 171 | 1,186 |
| | Unknown | 6 | 2 | 7 | 1 | 13 | 6 | 48 |
| | Total | 2,680 | 2,549 | 833 | 758 | 1,037 | 1,096 | 8,986 |
| *Total Zymotic Miasmatic* | Single | 619 | 601 | 23 | 34 | 170 | 181 | 1,629 |
| | Married | 35 | 43 | 44 | 35 | 18 | 9 | 185 |
| | Widowed | 12 | 24 | 8 | 26 | 3 | 10 | 84 |
| | Unknown | ..... | 1 | ..... | ..... | ..... | 1 | 2 |
| | Total | 666 | 669 | 75 | 95 | 191 | 201 | 1,900 |
| Cholera Infantum | Single | 238 | 244 | 5 | 5 | 65 | 78 | 635 |
| | Married | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 238 | 244 | 5 | 5 | 65 | 78 | 635 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Croup | Single | 20 | 12 | ..... | 1 | 3 | 2 | 38 |
| | Married | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 20 | 12 | ..... | 1 | 3 | 2 | 38 |
| Diarrhœa | Single | 30 | 31 | 2 | 5 | 14 | 16 | 98 |
| | Married | 4 | 1 | 3 | 1 | 1 | 2 | 12 |
| | Widowed | 1 | 4 | 2 | 3 | 1 | 2 | 13 |
| | Unknown | ..... | 1 | ..... | .... | ..... | 1 | 2 |
| | Total | 35 | 37 | 7 | 9 | 16 | 21 | 125 |
| Diphtheria | Single | 80 | 83 | 1 | 2 | 8 | 6 | 180 |
| | Married | 1 | ..... | 1 | ..... | ..... | ..... | 2 |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 81 | 83 | 2 | 2 | 8 | 6 | 182 |
| Typhoid Fever | Single | 36 | 20 | 8 | 9 | 11 | 8 | 93 |
| | Married | 16 | 25 | 13 | 9 | 5 | 2 | 70 |
| | Widowed | 1 | 2 | 1 | 2 | 1 | ..... | 7 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 53 | 47 | 22 | 20 | 17 | 10 | 170 |
| Other Zymotic Miasmatic | Single | 215 | 211 | 7 | 12 | 69 | 71 | 585 |
| | Married | 14 | 17 | 27 | 25 | 12 | 5 | 101 |
| | Widowed | 10 | 18 | 5 | 21 | 1 | 8 | 64 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 239 | 246 | 39 | 58 | 82 | 84 | 750 |

## TABLE VII—Continued.

| Cause. | Civil Condition. | Native White. Male. | Native White. Female. | Foreign White. Male. | Foreign White. Female. | Colored. Male. | Colored. Female. | Total. |
|---|---|---|---|---|---|---|---|---|
| *Total Zymotic Enthetic* | Single | 6 | 3 | ..... | ..... | 3 | 4 | 16 |
| | Married | ..... | 2 | ..... | ..... | 1 | 1 | 4 |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 6 | 5 | ..... | ..... | 4 | 5 | 20 |
| *Total Zymotic Dietic* | Single | 73 | 63 | 8 | ..... | 40 | 36 | 220 |
| | Married | 8 | ..... | 4 | 1 | 2 | 1 | 16 |
| | Widowed | 5 | 1 | 2 | 1 | ..... | ..... | 10 |
| | Unknown | 2 | ..... | ..... | ..... | 2 | ..... | 4 |
| | Total | 88 | 64 | 14 | 2 | 44 | 37 | 250 |
| Inanition | Single | 56 | 49 | 5 | ..... | 35 | 31 | 176 |
| | Married | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Widowed | 1 | ..... | ..... | ..... | ..... | ..... | 1 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 57 | 49 | 5 | ..... | 35 | 31 | 177 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Other Zymotic Dietic | Single | 17 | 14 | 3 | ..... | 5 | 5 | 44 |
| | Married | 8 | ..... | 4 | 1 | 2 | 1 | 16 |
| | Widowed | 4 | 1 | 2 | 1 | ..... | ..... | 9 |
| | Unknown | 2 | ..... | ..... | ..... | 2 | ..... | 4 |
| | Total | 31 | 15 | 9 | 2 | 9 | 6 | 73 |
| *Total Zymotic Parasitic* | Single | 3 | 1 | ..... | ..... | ..... | 1 | 5 |
| | Married | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Widowed | ..... | ..... | ..... | ..... | .... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 3 | 1 | ..... | ..... | ..... | 1 | 5 |
| *Total Constitutional Diathetic* | Single | 14 | 19 | 2 | 7 | 3 | 6 | 51 |
| | Married | 20 | 37 | 30 | 45 | 5 | 10 | 148 |
| | Widowed | 7 | 38 | 11 | 22 | 2 | 9 | 90 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | 2 | 2 |
| | Total | 41 | 94 | 43 | 74 | 10 | 27 | 291 |
| Cancer | Single | 7 | 12 | 1 | 6 | 1 | 5 | 32 |
| | Married | 13 | 35 | 27 | 38 | 2 | 6 | 122 |
| | Widowed | 7 | 31 | 10 | 17 | ..... | 6 | 72 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | 1 | 1 |
| | Total | 27 | 78 | 38 | 61 | 3 | 18 | 227 |
| Other Constitutional Diathetic | Single | 7 | 7 | 1 | 1 | 2 | 1 | 19 |
| | Married | 7 | 2 | 3 | 7 | 3 | 4 | 26 |
| | Widowed | ..... | 7 | 1 | 5 | 2 | 3 | 18 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | 1 | 1 |
| | Total | 14 | 16 | 5 | 13 | 7 | 9 | 64 |

## TABLE VII—Continued.

| Cause. | Civil Condition. | Native White. | | Foreign White. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|---|
| | | Male. | Female. | Male. | Female. | Male. | Female. | |
| *Total Constitutional Tubercular* | Single | 311 | 285 | 22 | 16 | 148 | 136 | 918 |
| | Married | 123 | 131 | 86 | 58 | 65 | 69 | 533 |
| | Widowed | 17 | 40 | 16 | 29 | 8 | 31 | 141 |
| | Unknown | ..... | ..... | ..... | ..... | 6 | 1 | 8 |
| | Total | 451 | 456 | 124 | 103 | 227 | 237 | 1,600 |
| Consumption | Single | 148 | 138 | 20 | 15 | 94 | 86 | 501 |
| | Married | 121 | 131 | 81 | 56 | 64 | 68 | 522 |
| | Widowed | 17 | 39 | 15 | 27 | 7 | 30 | 135 |
| | Unknown | ..... | ..... | ..... | ..... | 6 | ..... | 7 |
| | Total | 286 | 308 | 116 | 98 | 171 | 184 | 1,165 |
| Marasmus | Single | 109 | 98 | 1 | ..... | 33 | 37 | 278 |
| | Married | 1 | ..... | 2 | 2 | ..... | ..... | 5 |
| | Widowed | ..... | 1 | 1 | 2 | ..... | 1 | 5 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 110 | 99 | 4 | 4 | 33 | 38 | 288 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Other Constitutional Tubercular | Single | 54 | 49 | 1 | 1 | 21 | 13 | 139 |
| | Married | 1 | ..... | 3 | ..... | 1 | 1 | 6 |
| | Widowed | ..... | ..... | ..... | ..... | 1 | ..... | 1 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | 1 | 1 |
| | Total | 55 | 49 | 4 | 1 | 23 | 15 | 147 |
| *Total Local Nervous* | Single | 292 | 230 | 14 | 7 | 88 | 83 | 714 |
| | Married | 95 | 47 | 73 | 43 | 22 | 20 | 300 |
| | Widowed | 21 | 62 | 23 | 45 | 7 | 26 | 185 |
| | Unknown | ..... | ..... | ..... | ..... | 1 | ..... | 2 |
| | Total | 408 | 339 | 110 | 95 | 118 | 129 | 1,201 |
| Apoplexy | Single | 9 | 5 | 2 | 1 | 1 | 3 | 21 |
| | Married | 37 | 13 | 22 | 18 | 8 | 7 | 105 |
| | Widowed | 8 | 18 | 10 | 19 | ..... | 11 | 66 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| | Total | 54 | 36 | 34 | 38 | 9 | 21 | 193 |
| Convulsions | Single | 101 | 83 | 1 | 1 | 52 | 41 | 279 |
| | Married | 1 | ..... | ..... | ..... | ..... | ..... | 1 |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 102 | 83 | 1 | 1 | 52 | 41 | 280 |
| Meningitis | Singie | 82 | 72 | 2 | 2 | 20 | 13 | 191 |
| | Married | ..... | 7 | 2 | ..... | 2 | ..... | 11 |
| | Widowed | 1 | 1 | ..... | 1 | ..... | ..... | 3 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 83 | 80 | 4 | 3 | 22 | 13 | 205 |

## TABLE VII—Continued.

| Cause. | Civil Condition. | Native White. Male. | Native White. Female. | Foreign White. Male. | Foreign White. Female. | Colored. Male. | Colored. Female. | Total. |
|---|---|---|---|---|---|---|---|---|
| Paralysis | Single | 2 | 7 | 1 | ..... | 3 | 8 | 21 |
| | Married | 24 | 12 | 21 | 16 | 5 | 4 | 82 |
| | Widowed | 5 | 29 | 6 | 17 | 5 | 10 | 72 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 31 | 48 | 28 | 33 | 13 | 22 | 175 |
| Other Local Nervous | Single | 98 | 63 | 8 | 3 | 12 | 18 | 202 |
| | Married | 33 | 15 | 28 | 9 | 7 | 9 | 101 |
| | Widowed | 7 | 14 | 7 | 8 | 2 | 5 | 44 |
| | Unknown | ..... | ..... | ..... | ..... | 1 | ..... | 1 |
| | Total | 138 | 92 | 43 | 20 | 22 | 32 | 348 |
| *Total Local Circulatory* | Single | 40 | 50 | 12 | 12 | 16 | 15 | 145 |
| | Married | 57 | 32 | 58 | 37 | 38 | 26 | 249 |
| | Widowed | 14 | 33 | 16 | 40 | 4 | 32 | 140 |
| | Unknown | 2 | ..... | 2 | ..... | 1 | 1 | 6 |
| | Total | 113 | 115 | 88 | 89 | 59 | 74 | 540 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heart Disease | Single | 39 | 49 | 12 | 12 | 16 | 13 | 141 |
| | Married | 56 | 32 | 55 | 37 | 37 | 25 | 243 |
| | Widowed | 14 | 33 | 15 | 39 | 4 | 31 | 137 |
| | Unknown | 1 | ..... | 1 | ..... | 1 | 1 | 4 |
| | Total | 110 | 114 | 83 | 88 | 58 | 70 | 525 |
| Other Local Circulatory | Single | 1 | 1 | ..... | ..... | ..... | 2 | 4 |
| | Married | 1 | ..... | 3 | ..... | 1 | 1 | 6 |
| | Widowed | ..... | ..... | 1 | 1 | ..... | 1 | 3 |
| | Unknown | 1 | ..... | 1 | ..... | ..... | ..... | 2 |
| | Total | 3 | 1 | 5 | 1 | 1 | 4 | 15 |
| *Total Local Respiratory* | Single | 239 | 175 | 18 | 13 | 132 | 149 | 727 |
| | Married | 64 | 53 | 78 | 27 | 35 | 14 | 274 |
| | Widowed | 18 | 43 | 17 | 59 | 4 | 16 | 157 |
| | Unknown | 2 | ..... | ..... | 1 | ..... | 1 | 4 |
| | Total | 323 | 271 | 113 | 100 | 171 | 180 | 1,162 |
| Bronchitis | Single | 55 | 38 | 5 | 1 | 37 | 45 | 181 |
| | Married | 6 | 9 | 11 | 3 | 4 | 3 | 36 |
| | Widowed | ..... | 10 | 3 | 12 | 2 | 1 | 28 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 61 | 57 | 19 | 16 | 43 | 49 | 245 |
| Pneumonia | Single | 161 | 117 | 9 | 9 | 85 | 93 | 475 |
| | Married | 39 | 35 | 50 | 13 | 23 | 5 | 167 |
| | Widowed | 10 | 23 | 9 | 34 | 1 | 8 | 85 |
| | Unknwn | 1 | ..... | ..... | ..... | ..... | ..... | 1 |
| | Total | 211 | 175 | 68 | 56 | 109 | 106 | 728 |

## TABLE VII—Continued.

| Causes. | Civil Condition. | Native White. | | Foreign Born. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|---|
| | | Male. | Female. | Male. | Female. | Male. | Female. | |
| Other Local Respiratory | Single | 23 | 20 | 4 | 3 | 10 | 11 | 71 |
| | Married | 19 | 9 | 17 | 11 | 8 | 6 | 71 |
| | Widowed | 8 | 10 | 5 | 13 | 1 | 7 | 44 |
| | Unknown | 1 | ..... | ..... | 1 | ..... | 1 | 3 |
| | Total | 51 | 39 | 26 | 28 | 19 | 25 | 189 |
| *Total Local Digestive* | Single | 137 | 127 | 4 | 5 | 50 | 40 | 363 |
| | Married | 45 | 28 | 61 | 32 | 13 | 17 | 196 |
| | Widowed | 14 | 23 | 12 | 18 | 2 | 10 | 79 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| | Total | 196 | 178 | 77 | 55 | 65 | 67 | 639 |
| *Total Local Urinary* | Single | 31 | 21 | 6 | 5 | 10 | 7 | 80 |
| | Married | 52 | 32 | 39 | 16 | 19 | 9 | 169 |
| | Widowed | 9 | 21 | 15 | 6 | 6 | 11 | 68 |
| | Unknown | ..... | .... | 2 | ..... | ..... | ..... | 3 |
| | Total | 92 | 74 | 62 | 27 | 35 | 27 | 320 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Bright's Disease | Single | 22 | 7 | 2 | 3 | 2 | 2 | 38 |
| | Married | 30 | 20 | 22 | 9 | 12 | 6 | 100 |
| | Widowed | 5 | 13 | 4 | 4 | 1 | 4 | 31 |
| | Unknown | ..... | ..... | 1 | ..... | ..... | ..... | 2 |
| | Total | 57 | 40 | 29 | 16 | 15 | 12 | 171 |
| Other Local Urinary | Single | 9 | 14 | 4 | 2 | 8 | 5 | 42 |
| | Married | 22 | 12 | 17 | 7 | 7 | 3 | 69 |
| | Widowed | 4 | 8 | 11 | 2 | 5 | 7 | 37 |
| | Unknown | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| | Total | 35 | 34 | 33 | 11 | 20 | 15 | 149 |
| *Total Local Generative* | Single | ..... | 1 | ..... | ..... | ..... | 1 | 2 |
| | Married | ..... | 5 | ..... | 2 | ..... | 1 | 8 |
| | Widowed | ..... | 4 | ..... | 1 | ..... | ..... | 5 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | ..... | 10 | ..... | 3 | ..... | 2 | 15 |
| *Total Local Locomotory and Osseous* | Single | 5 | 4 | 1 | 2 | 3 | 2 | 17 |
| | Married | 2 | 1 | 3 | 1 | 1 | 1 | 9 |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 7 | 5 | 4 | 3 | 4 | 3 | 26 |
| *Total Local Integumentary* | Single | 6 | 8 | 2 | 4 | ..... | 1 | 21 |
| | Married | 4 | 1 | 1 | 2 | ..... | 2 | 10 |
| | Widowed | 2 | 2 | 2 | 2 | ..... | 2 | 10 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 12 | 11 | 5 | 8 | ..... | 5 | 41 |

## TABLE VII—Continued.

| Cause. | Civil Condition. | Native White. | | Foreign White. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|---|
| | | Male. | Female. | Male. | Female. | Male. | Female. | |
| *Total Developmental—Children* | Single | 111 | 96 | ..... | ..... | 32 | 25 | 264 |
| | Married | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 111 | 96 | ..... | ..... | 32 | 25 | 264 |
| Premature Birth | Single | 79 | 60 | ..... | ..... | 24 | 23 | 186 |
| | Married | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 79 | 60 | ..... | ..... | 24 | 23 | 186 |
| Other Developmental—Children | Single | 32 | 36 | ..... | ..... | 8 | 2 | 78 |
| | Married | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 32 | 36 | ..... | ..... | 8 | 2 | 78 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| *Total Developmental—Women* | Single | ..... | 3 | ..... | 1 | ..... | 7 | 11 |
| | Married | ..... | 38 | ..... | 17 | ..... | 19 | 74 |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | ..... | 41 | ..... | 18 | ..... | 26 | 85 |
| *Total Developmental—Age* | Single | 3 | 7 | 1 | 3 | 2 | 4 | 20 |
| | Married | 14 | 1 | 23 | 9 | 5 | ..... | 52 |
| | Widowed | 11 | 52 | 23 | 48 | 7 | 21 | 162 |
| | Unknown | ..... | 1 | 1 | ..... | ..... | ..... | 2 |
| | Total | 28 | 61 | 48 | 60 | 14 | 25 | 236 |
| Old Age | Single | 3 | 7 | 1 | 3 | 2 | 4 | 20 |
| | Married | 14 | 1 | 22 | 9 | 5 | ..... | 51 |
| | Widowed | 10 | 52 | 22 | 47 | 7 | 21 | 159 |
| | Unknown | ..... | 1 | ..... | ..... | ..... | ..... | 1 |
| | Total | 27 | 61 | 45 | 59 | 14 | 25 | 231 |
| Other Developmental—Age | Single | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Married | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| | Widowed | 1 | ..... | 1 | 1 | ..... | ..... | 3 |
| | Unknown | ..... | ..... | 1 | ..... | ..... | ..... | 1 |
| | Total | 1 | ..... | 3 | 1 | ..... | ..... | 5 |
| *Total Developmental—Nutrition* | Single | 20 | 14 | 1 | 1 | 12 | 7 | 55 |
| | Married | 3 | 2 | 3 | 5 | 3 | 1 | 17 |
| | Widowed | 2 | 5 | 7 | 6 | 2 | 1 | 24 |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 25 | 21 | 11 | 12 | 17 | 9 | 96 |

## TABLE VII—Concluded.

| Causes. | Civil Condition. | Native White. | | Foreign White. | | Colored. | | Total. |
|---|---|---|---|---|---|---|---|---|
| | | Male. | Female. | Male. | Female. | Male. | Female. | |
| *Total Violence* | Single | 65 | 21 | 13 | 1 | 28 | 9 | 138 |
| | Married | 36 | 10 | 37 | 3 | 8 | 3 | 99 |
| | Widowed | 3 | 5 | 7 | 9 | 5 | 2 | 31 |
| | Unknown | ..... | ..... | 2 | ..... | 3 | ..... | 14 |
| | Total | 104 | 36 | 59 | 13 | 44 | 14 | 282 |
| *Unknown* | Single | 5 | 1 | ..... | ..... | 2 | 2 | 10 |
| | Married | 1 | 1 | ..... | 1 | ..... | ..... | 3 |
| | Widowed | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Unknown | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total | 6 | 2 | ..... | 1 | 2 | 2 | 13 |

# TABLE VIII.

**Showing the Actual Mortality in the City of Baltimore from each Cause, according to Age, Sex, Race, and Nativity.**

| Cause. | Race. | Sex. | AGE. Under 1 year. | 1 year to 4 years. | 5 years to 9 years. | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| All Causes... | Native White. | Male..... | 1002 | 488 | 93 | 44 | 68 | 117 | 207 | 189 | 143 | 107 | 127 | 79 | 16 | 2,680 |
| | | Female... | 865 | 448 | 83 | 39 | 74 | 107 | 241 | 145 | 125 | 112 | 145 | 113 | 52 | 2,549 |
| | Foreign White | Male..... | 7 | 12 | 7 | 5 | 10 | 21 | 53 | 103 | 138 | 174 | 183 | 99 | 21 | 833 |
| | | Female... | 9 | 16 | 8 | 4 | 6 | 28 | 40 | 75 | 120 | 150 | 161 | 118 | 23 | 758 |
| | Colored..... | Male..... | 372 | 196 | 35 | 15 | 27 | 36 | 76 | 101 | 73 | 35 | 41 | 20 | 10 | 1,037 |
| | | Female... | 348 | 189 | 40 | 23 | 41 | 42 | 91 | 83 | 75 | 44 | 51 | 42 | 27 | 1,096 |
| | | Total... | 2603 | 1349 | 266 | 130 | 226 | 351 | 712 | 704 | 682 | 626 | 715 | 473 | 149 | 8,986 |
| *Total Zymotic Miasmatic* .. | Native White. | Male..... | 279 | 246 | 43 | 14 | 11 | 17 | 17 | 7 | 8 | 8 | 13 | 3 | .... | 666 |
| | | Female... | 300 | 217 | 41 | 9 | 21 | 10 | 24 | 14 | 10 | 6 | 8 | 5 | 4 | 669 |
| | Foreign White | Male..... | 1 | 6 | 1 | 1 | 3 | 6 | 8 | 7 | 12 | 12 | 16 | 2 | .... | 75 |
| | | Female... | 5 | 8 | 5 | 3 | 4 | 8 | 6 | 9 | 10 | 16 | 16 | 4 | 1 | 95 |
| | Colored..... | Male..... | 88 | 58 | 9 | 3 | 4 | 4 | 8 | 7 | 4 | 3 | 3 | .... | .... | 191 |
| | | Female... | 96 | 56 | 17 | 4 | 2 | 5 | 3 | 5 | 2 | 4 | 6 | 1 | .... | 201 |
| | | Total... | 769 | 591 | 116 | 34 | 45 | 50 | 67 | 49 | 46 | 49 | 64 | 15 | 5 | 1,900 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cholera Infantum | Native White | Male | 188 | 50 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 238 |
| | | Female | 200 | 43 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 244 |
| | Foreign White | Male | 1 | 4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 5 |
| | | Female | 3 | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 5 |
| | Colored | Male | 57 | 8 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 65 |
| | | Female | 64 | 13 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 78 |
| | | Total | 513 | 120 | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 635 |
| Croup | Native White | Male | 3 | 16 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 20 |
| | | Female | 2 | 8 | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 12 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | Colored | Male | 1 | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 3 |
| | | Female | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| | | Total | 7 | 27 | 4 | .... | .... | .... | .... | .... | ... | .... | .... | .... | .... | 38 |
| Diarrhœa | Native White | Male | 23 | 6 | .... | .... | 1 | .... | .... | 1 | .... | 1 | 2 | 1 | .... | 35 |
| | | Female | 23 | 7 | .... | .... | .... | .... | .... | 1 | 1 | 1 | .... | 2 | 2 | 37 |
| | Foreign White | Male | .... | .... | .. | .... | .... | .... | .... | .... | 2 | .... | 4 | 1 | .... | 7 |
| | | Female | 1 | 3 | .... | .... | .... | .... | .... | 2 | .... | .... | 2 | 1 | .... | 9 |
| | Colored | Male | 9 | 5 | .... | .... | .... | 1 | .... | .... | 1 | .... | .... | .... | .... | 16 |
| | | Female | 12 | 3 | .... | 1 | .... | .... | .... | 1 | .... | 2 | 2 | .... | .... | 21 |
| | | Total | 68 | 24 | .... | 1 | 1 | 1 | .... | 5 | 4 | 4 | 10 | 5 | 2 | 125 |

## TABLE VIII—Continued.

| Cause. | Race. | Sex. | Age. Under 1 year. | 1 year to 4 years. | 5 years to 9 years. | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diphtheria | Native White | Male | 2 | 58 | 19 | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 81 |
| | | Female | 2 | 57 | 20 | 3 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 83 |
| | Foreign White | Male | .... | .... | 1 | ... | .... | .... | ... | 1 | .... | .... | .... | .... | .... | 2 |
| | | Female | .... | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| | Colored | Male | 1 | 4 | 3 | .... | .... | ... | .... | .... | .... | .... | .... | .... | ... | 8 |
| | | Female | .... | 3 | 3 | .... | ... | .... | .... | .... | ... | .... | .... | .... | .... | 6 |
| | | Total | 5 | 124 | 46 | 4 | 1 | .... | .... | 1 | .... | 1 | .... | ... | ... | 182 |
| Typhoid Fever | Native White | Male | .... | 2 | 4 | 8 | 4 | 11 | 13 | 2 | 6 | 2 | .... | 1 | .... | 53 |
| | | Female | .... | 2 | .... | 2 | 14 | 4 | 14 | 5 | 6 | .... | .... | .... | ... | 47 |
| | Foreign White | Male | .... | .... | .... | 1 | .... | 5 | 4 | 3 | 4 | 1 | 4 | .... | .... | 22 |
| | | Female | .... | .... | .... | 3 | 3 | 4 | 4 | 2 | 2 | 2 | .... | .... | .... | 20 |
| | Colored | Male | .... | .... | 1 | 2 | 4 | 3 | 5 | 1 | .... | 1 | .... | ... | .... | 17 |
| | | Female | .... | .... | 2 | .... | 2 | 4 | .... | 1 | 1 | .... | .... | .... | ... | 10 |
| | | Total | .... | 4 | 7 | 16 | 27 | 31 | 41 | 14 | 19 | 6 | 4 | 1 | .... | 170 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Zymotic Miasmatic.. | Native White. | Male..... | 63 | 114 | 19 | 5 | 6 | 6 | 4 | 4 | 2 | 4 | 11 | 1 | .... | 239 |
| | | Female.. . | 73 | 100 | 18 | 4 | 6 | 6 | 10 | 8 | 3 | 5 | 8 | 3 | 2 | 246 |
| | Foreign White | Male..... | .... | 2 | .... | .... | 3 | 1 | 4 | 3 | 6 | 11 | 8 | 1 | .... | 39 |
| | | Female.. . | 1 | 1 | 4 | .... | 1 | 4 | 2 | 5 | 8 | 14 | 14 | 3 | 1 | 58 |
| | Colored..... | Male..... | 20 | 39 | 5 | 1 | .... | .... | 3 | 6 | 3 | 2 | 3 | .... | .... | 82 |
| | | Female.. . | 19 | 36 | 11 | 3 | .... | 1 | 3 | 3 | 1 | 2 | 4 | 1 | .... | 84 |
| | | Total... | 176 | 292 | 57 | 13 | 16 | 18 | 26 | 29 | 23 | 38 | 50 | 9 | 3 | 750 |
| *Total Zymotic Enthetic.....* | Native White. | Male..... | 3 | 2 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 6 |
| | | Female.. . | 3 | .... | .... | .... | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | 5 |
| | Foreign White | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female.. . | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Colored..... | Male..... | 1 | 1 | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | 4 |
| | | Female.. . | 3 | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 5 |
| | | Total... | 10 | 4 | .... | .... | .... | 1 | 3 | 1 | 1 | .... | .... | .... | .... | 20 |
| *Total Zymotic Dietic.....* | Native White. | Male..... | 64 | 4 | .... | .... | 1 | ... | 7 | 5 | 4 | 2 | .... | 1 | .... | 88 |
| | | Female.. . | 60 | 3 | .... | .... | .... | .... | .... | .... | 1 | ... | .... | .... | .... | 64 |
| | Foreign White | Male..... | 3 | 2 | .... | .... | .... | ... | 3 | 2 | 1 | 2 | 1 | .... | .... | 14 |
| | | Female . . | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | 2 |
| | Colored..... | Male..... | 37 | 2 | 1 | .... | .... | .... | .... | 2 | 1 | .... | 1 | .... | .... | 44 |
| | | Female.. . | 36 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 37 |
| | | Total... | 200 | 11 | 1 | .... | 1 | .... | 11 | 10 | 7 | 5 | 3 | 1 | .... | 250 |

## TABLE VIII—Continued.

| Cause. | Race. | Sex. | Age. Under 1 year. | 1 year to 4 years. | 5 years to 9 years. | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inanition..... | Native White. | Male..... | 52 | 4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 57 |
| | | Female.. . | 48 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 49 |
| | Foreign White | Male..... | 3 | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 5 |
| | | Female.. . | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Colored..... | Male..... | 32 | 2 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 35 |
| | | Female.. . | 31 | ... | .... | .... | ... | .... | .... | .... | .... | .... | .... | .... | .... | 31 |
| | | Total.. | 166 | 9 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 177 |
| Other Zymotic Dietic..... | Native White. | Male..... | 12 | .... | .... | .... | 1 | .... | 7 | 5 | 4 | 2 | .... | .... | .... | 31 |
| | | Female.. . | 12 | 2 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 15 |
| | Foreign White | Male..... | .... | .... | .... | .... | .... | .... | 3 | 2 | 1 | 2 | 1 | .... | .... | 9 |
| | | Female.. . | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | 2 |
| | Colored..... | Male.. ... | 5 | .... | .... | .... | .... | .... | .... | 2 | 1 | .... | 1 | .... | .... | 9 |
| | | Female.. . | 5 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 6 |
| | | Total... | 34 | 2 | .... | .... | 1 | .... | 11 | 10 | 7 | 5 | 3 | .... | .... | 73 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Zymotic Parasitic*.... | Native White. | Male..... | 3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 3 |
| | | Female,.. | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | Foreign White | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female.. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Colored..... | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female.. | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | | Total... | 5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 5 |
| *Total Constitutional Diathetic* | Native White. | Male..... | 3 | 2 | 1 | .... | 2 | 2 | 3 | 5 | 2 | 9 | 10 | 2 | .... | 41 |
| | | Female.. | 1 | 3 | 2 | 1 | 1 | .... | 7 | 20 | 20 | 16 | 15 | 7 | 1 | 94 |
| | Foreign White | Male ..... | .... | .... | 1 | .... | .... | .... | .... | 6 | 11 | 13 | 8 | 4 | .... | 43 |
| | | Female.. | .... | .... | 1 | .... | .... | .... | 2 | 3 | 29 | 19 | 16 | 4 | .... | 74 |
| | Colored..... | Male..... | .... | .... | 1 | 1 | 1 | .... | 2 | 1 | 2 | .... | 2 | .... | .... | 10 |
| | | Female.. | .... | .... | .... | .... | .... | .... | 5 | 1 | 9 | 4 | 3 | 4 | 1 | 27 |
| | | Total... | 4 | 5 | 6 | 2 | 4 | 2 | 19 | 37 | 73 | 61 | 55 | 21 | 2 | 291 |
| Cancer..... | Native White. | Male..... | .... | 1 | .... | .... | 1 | 2 | 1 | 3 | 2 | 6 | 10 | 1 | .... | 27 |
| | | Female.. | .... | 1 | .... | 1 | 1 | .... | 4 | 19 | 20 | 14 | 14 | 4 | .... | 78 |
| | Foreign White | Male ..... | .... | .... | .... | .... | .... | .... | .... | 5 | 11 | 10 | 8 | 4 | .... | 38 |
| | | Female. . | .... | .... | 1 | .... | .... | .... | 1 | 3 | 26 | 15 | 12 | 3 | .... | 61 |
| | Colored..... | Male..... | .... | .... | 1 | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | 3 |
| | | Female.. | .... | .... | .... | .... | .... | .... | 3 | 1 | 9 | 2 | 1 | 2 | .... | 18 |
| | | Total... | .... | 2 | 2 | 1 | 2 | 2 | 9 | 33 | 69 | 47 | 46 | 14 | .... | 227 |

## TABLE VIII—Continued.

| Cause. | Race. | Sex. | Age. | | | | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Under 1 year. | 1 year to 4 years. | 5 years to 9 years. | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | |
| Other Constitutional Diathetic | Native White | Male | 3 | 1 | 1 | .... | 1 | .... | 2 | 2 | .... | 3 | .... | 1 | .... | 14 |
| | | Female | 1 | 2 | 2 | .... | .... | .... | 3 | 1 | .. | 2 | 1 | 3 | 1 | 16 |
| | Foreign White | Male | .... | .... | 1 | .... | .... | .. | .... | 1 | .... | 3 | .... | .... | .... | 5 |
| | | Female | .... | .... | .... | .... | .. | .... | 1 | .... | 3 | 4 | 4 | 1 | .... | 13 |
| | Colored | Male | .... | .... | .... | 1 | 1 | .... | 2 | .... | 1 | .... | 2 | .... | .... | 7 |
| | | Female | .... | .... | .... | .... | .... | .... | 2 | .... | .... | 2 | 2 | 2 | 1 | 9 |
| | | Total | 4 | 3 | 4 | 1 | 2 | .... | 10 | 4 | 4 | 14 | 9 | 7 | 2 | 64 |
| *Total Constitutional Tubercular* | Native White | Male | 126 | 50 | 6 | 2 | 18 | 54 | 84 | 67 | 27 | 9 | 7 | 1 | ... | 451 |
| | | Female | 107 | 43 | 6 | 7 | 32 | 51 | 108 | 40 | 34 | 15 | 11 | 2 | .... | 456 |
| | Foreign White | Male | .... | 1 | 1 | .... | 2 | 6 | 15 | 27 | 27 | 21 | 13 | 9 | 2 | 124 |
| | | Female | .... | 1 | 1 | .... | .... | 11 | 13 | 25 | 20 | 16 | 10 | 4 | 2 | 103 |
| | Colored | Male | 42 | 36 | 11 | 6 | 10 | 24 | 32 | 41 | 16 | 7 | 1 | .... | 1 | 227 |
| | | Female | 33 | 38 | 7 | 11 | 20 | 21 | 48 | 29 | 16 | 5 | 4 | 5 | .... | 237 |
| | | Total | 308 | 169 | 32 | 26 | 82 | 167 | 300 | 229 | 141 | 74 | 46 | 21 | 5 | 1,600 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Consumption | Native White | Male | 5 | 12 | 4 | 1 | 18 | 53 | 84 | 67 | 27 | 8 | 6 | 1 | 286 |
| | | Female | 2 | 10 | .... | 5 | 32 | 51 | 168 | 40 | 33 | 15 | 11 | 1 | 308 |
| | Foreign White | Male | .... | .... | .... | .... | 2 | 6 | 15 | 27 | 26 | 19 | 13 | 8 | 116 |
| | | Female | .... | .... | 1 | .... | .... | 11 | 13 | 25 | 20 | 16 | 10 | 2 | 98 |
| | Colored | Male | 7 | 25 | 6 | 5 | 10 | 23 | 32 | 39 | 15 | 7 | 1 | .... | 1 171 |
| | | Female | 5 | 23 | 4 | 10 | 17 | 20 | 47 | 29 | 16 | 5 | 4 | 4 | 184 |
| | | Total | 19 | 70 | 15 | 21 | 79 | 164 | 299 | 227 | 138 | 71 | 45 | 16 | 1 1,165 |
| Marasmus | Native White | Male | 99 | 9 | .... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... 110 |
| | | Female | 88 | 9 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... 99 |
| | Foreign White | Male | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 2 4 |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 | 2 4 |
| | Colored | Male | 26 | 7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... 33 |
| | | Female | 23 | 12 | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | 1 | .... 38 |
| | | Total | 236 | 38 | 1 | 2 | .... | .... | 1 | .... | .... | 1 | .... | 5 | 4 288 |
| Other Constitutional Tubercular | Native White | Male | 22 | 29 | 2 | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... 55 |
| | | Female | 17 | 24 | 6 | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | .... 49 |
| | Foreign White | Male | .... | .... | 1 | .... | .... | .... | .... | .... | 1 | 2 | .... | .... | .... 4 |
| | | Female | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... 1 |
| | Colored | Male | 9 | 4 | 5 | 1 | .... | 1 | .... | 2 | 1 | .... | .... | .... | .... 23 |
| | | Female | 5 | 3 | 2 | 1 | 3 | 1 | .... | .... | .... | .... | .... | .... | .... 15 |
| | | Total | 53 | 61 | 16 | 3 | 3 | 3 | .... | 2 | 3 | 2 | 1 | .... | .... 147 |

## TABLE VIII—Continued.

| Cause. | Race. | Sex. | Age. | | | | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Uner 1 year. | 1 year to 4 years. | 5 years to 9 years | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | |
| *Total Local Nervous...* | Native White. | Male..... | 185 | 52 | 16 | 4 | 7 | 6 | 13 | 21 | 27 | 25 | 30 | 20 | 2 | 408 |
| | | Female... | 134 | 64 | 7 | 6 | 2 | 2 | 11 | 15 | 15 | 20 | 31 | 23 | 9 | 339 |
| | Foreign White | Male..... | ... | 1 | 1 | 1 | 1 | 1 | 2 | 5 | 12 | 29 | 34 | 20 | 3 | 110 |
| | | Female... | 2 | .... | 1 | .... | .... | .... | 1 | 3 | 11 | 24 | 32 | 19 | 2 | 95 |
| | Colored..... | Male..... | 63 | 13 | 7 | .... | 1 | .... | 7 | 4 | 11 | 5 | 3 | 2 | 2 | 118 |
| | | Female... | 48 | 11 | 2 | 4 | 4 | 4 | 4 | 10 | 11 | 7 | 14 | 7 | 3 | 129 |
| | | Total... | 432 | 141 | 34 | 15 | 15 | 13 | 38 | 58 | 87 | 111 | 145 | 91 | 21 | 1,201 |
| Apoplexy... | Native White. | Male.. ... | .... | .... | ... | .... | .... | 2 | 4 | 6 | 14 | 8 | 10 | 9 | 1 | 54 |
| | | Female... | 1 | .... | .... | .... | .... | .... | 5 | 3 | 3 | 8 | 9 | 5 | 2 | 36 |
| | Foreign White | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | 3 | 9 | 13 | 9 | .... | 34 |
| | | Female... | .... | .... | .... | .... | .... | .... | .... | 3 | 3 | 9 | 15 | 8 | .... | 38 |
| | Colored ..... | Male. .... | .... | .... | .... | .... | .... | .... | 3 | 2 | 2 | 1 | 1 | ... | .... | 9 |
| | | Female... | ... | .... | .... | .... | .... | 1 | 1 | 2 | 4 | 3 | 5 | 3 | 2 | 21 |
| | | | 1 | .... | .... | .... | .... | 3 | 13 | 16 | 29 | 39 | 53 | 34 | 5 | 193 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Convulsions. | Native White. | Male | 83 | 18 | ... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 102 |
| | | Female | 68 | 14 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 83 |
| | Foreign White | Male | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | | Female | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | Colored | Male | 47 | 5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 52 |
| | | Female | 36 | 3 | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 41 |
| | | Total | 235 | 41 | 2 | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 280 |
| Meningitis | Native White. | Male | 43 | 22 | 10 | 3 | 3 | .... | 1 | 1 | .... | .... | .... | .... | .... | 83 |
| | | Female | 28 | 36 | 5 | 3 | .... | 1 | 2 | 2 | 3 | .... | .... | .... | .... | 80 |
| | Foreign White | Male | .... | .... | .... | .... | .... | 1 | .... | .... | 2 | 1 | .... | .... | .... | 4 |
| | | Female | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 3 |
| | Colored | Male | 8 | 5 | 6 | .... | 1 | .... | 1 | 1 | .... | .... | .... | .... | .... | 22 |
| | | Female | 3 | 5 | 1 | 2 | 2 | .... | .... | .... | .... | .... | .... | .... | .... | 13 |
| | | Total | 83 | 68 | 23 | 8 | 6 | 2 | 4 | 4 | 5 | 2 | .... | .... | .... | 205 |
| Paralysis | Native White. | Male | .... | .... | .... | .... | .... | .... | 2 | 3 | 4 | 6 | 9 | 7 | .... | 31 |
| | | Female | .... | .... | .... | .... | .... | .... | .... | 4 | 5 | 6 | 13 | 15 | 5 | 48 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | 2 | 12 | 10 | 3 | 1 | 28 |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | 4 | 10 | 9 | 8 | 2 | 33 |
| | Colored | Male | 1 | .... | .... | .... | .... | .... | .... | .... | 5 | 3 | .... | 2 | 2 | 13 |
| | | Female | .... | .... | .... | .... | .... | .... | .... | 3 | 6 | 2 | 6 | 4 | 1 | 22 |
| | | Total | 1 | .... | .... | .... | .... | .... | 2 | 10 | 26 | 39 | 47 | 39 | 11 | 175 |

## TABLE VIII—Continued.

| Cause. | Race. | Sex. | Age. | | | | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Under 1 year. | 1 year to 4 years. | 5 years to 9 years. | 10 years to 14 years | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | |
| Other Local Nervous. | Native White. | Male..... | | | | | | | | | | | | | | |
| | | Female... | 59 | 12 | 6 | 1 | 4 | 4 | 6 | 11 | 8 | 11 | 11 | 4 | 1 | 138 |
| | Foreign White | Male..... | 37 | 14 | 1 | 3 | 2 | 1 | 4 | 6 | 4 | 6 | 9 | 3 | 2 | 92 |
| | | Female... | ... | .... | 1 | 1 | 1 | .... | 2 | 5 | 5 | 7 | 11 | 8 | 2 | 43 |
| | Colored ..... | Male..... | .... | .... | .... | .... | .... | .... | 1 | .... | 4 | 4 | 8 | 3 | .... | 20 |
| | | Female... | 7 | 3 | 1 | .... | .... | .... | 3 | 1 | 4 | 1 | 2 | .... | .... | 22 |
| | | Total... | 9 | 3 | .... | 1 | 2 | 3 | 3 | 5 | 1 | 2 | 3 | .... | .... | 32 |
| | | | 112 | 32 | 9 | 6 | 9 | 8 | 19 | 28 | 26 | 31 | 45 | 18 | 5 | 348 |
| *Total Local Circulatory..* | Native White. | Male ..... | 9 | 4 | 4 | 4 | 2 | 4 | 12 | 16 | 16 | 13 | 15 | 13 | 1 | 113 |
| | | Female.... | 5 | 3 | 7 | 8 | 4 | 5 | 16 | 9 | 12 | 15 | 16 | 10 | 5 | 115 |
| | Foreign White | Male ..... | .... | ... | .... | .... | 1 | 2 | 2 | 5 | 12 | 25 | 30 | 8 | 3 | 88 |
| | | Female... | .... | .... | .... | .... | 1 | 1 | 1 | 6 | 12 | 31 | 23 | 12 | 2 | 89 |
| | Colored ..... | Male..... | 1 | .... | 1 | 2 | 1 | 1 | 8 | 11 | 14 | 8 | 6 | 5 | 1 | 59 |
| | | Female... | 2 | .... | 3 | .... | 1 | 2 | 6 | 8 | 19 | 11 | 11 | 7 | 4 | 74 |
| | | Total... | 17 | 7 | 15 | 14 | 10 | 15 | 45 | 55 | 86 | 103 | 101 | 56 | 16 | 540 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart Disease | Native White. | Male..... | 8 | 4 | 4 | 4 | 2 | 4 | 11 | 15 | 16 | 13 | 15 | 13 | 1 | 110 |
| | | Female... | 5 | 3 | 7 | 8 | 3 | 5 | 16 | 9 | 12 | 15 | 16 | 10 | 5 | 114 |
| | Foreign White | Male..... | .... | .... | ... | .... | 1 | 2 | 1 | 4 | 12 | 23 | 29 | 8 | 3 | 83 |
| | | Female... | .... | .... | .... | .... | 1 | 1 | 1 | 6 | 12 | 30 | 23 | 12 | 2 | 88 |
| | Colored ..... | Male..... | 1 | .... | 1 | 2 | 1 | 1 | 8 | 11 | 13 | 8 | 6 | 5 | 1 | 58 |
| | | Female... | 1 | .... | 3 | .... | 1 | 2 | 6 | 7 | 18 | 10 | 11 | 7 | 4 | 70 |
| | | Total... | 15 | 7 | 15 | 14 | 9 | 15 | 43 | 52 | 84 | 99 | 100 | 56 | 16 | 525 |
| Other Local Circulatory | Native White. | Male..... | 1 | .... | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | 3 |
| | | Female... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | Foreign White | Male..... | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | 2 | 1 | .... | .... | 5 |
| | | Female... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |
| | Colored ..... | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| | | Female... | 1 | .... | .... | .... | .... | .... | .... | 1 | 1 | 1 | .... | .... | .... | 4 |
| | | Total... | 2 | .... | .... | .... | 1 | .... | 2 | 3 | 2 | 4 | 1 | .... | .... | 15 |
| *Total Local Respiratory* | Native White. | Male..... | 108 | 86 | 10 | 6 | 7 | 9 | 20 | 20 | 16 | 15 | 15 | 8 | 3 | 323 |
| | | Female... | 74 | 74 | 7 | 4 | .... | 6 | 18 | 14 | 6 | 16 | 30 | 19 | 3 | 271 |
| | Foreign White | Male..... | 3 | 2 | 1 | 1 | 1 | 2 | 7 | 20 | 17 | 26 | 20 | 11 | 2 | 113 |
| | | Female... | 2 | 5 | .... | 1 | 1 | 1 | 3 | 6 | 10 | 20 | 28 | 17 | 6 | 100 |
| | Colored ..... | Male..... | 63 | 55 | 2 | 1 | 3 | 4 | 8 | 15 | 8 | 3 | 6 | 2 | 1 | 171 |
| | | Female... | 73 | 64 | 8 | 1 | 3 | .... | 6 | 3 | 4 | 7 | 4 | 6 | 1 | 180 |
| | | Total... | 323 | 286 | 28 | 14 | 15 | 22 | 62 | 78 | 63 | 87 | 104 | 64 | 16 | 1162 |

## TABLE VIII—Continued.

| Cause. | Race. | Sex. | Age. Under 1 year. | 1 year to 4 years. | 5 years to 9 years. | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bronchitis.. | Native White. | Male..... | 37 | 14 | 1 | .... | 1 | 1 | 2 | 1 | .... | 1 | 3 | .... | .... | 61 |
| | | Female... | 25 | 9 | .... | .... | .... | .... | 4 | .... | 1 | 3 | 6 | 7 | 2 | 57 |
| | Foreign White | Male..... | 1 | .... | .... | 1 | 1 | .... | .... | 4 | 2 | 2 | 2 | 6 | .... | 19 |
| | | Female.... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 6 | 6 | 3 | 16 |
| | Colored..... | Male..... | 21 | 15 | .... | .... | 1 | .... | 2 | 1 | .... | .... | 2 | 1 | .... | 43 |
| | | Female... | 24 | 19 | 1 | .... | .... | .... | 3 | .... | .... | 2 | .... | .... | .... | 49 |
| | | Total... | 108 | 57 | 2 | 1 | 3 | 1 | 11 | 7 | 3 | 8 | 19 | 20 | 5 | 245 |
| Pneumonia.. | Native White. | Male..... | 60 | 67 | 9 | 5 | 4 | 6 | 13 | 16 | 11 | 8 | 5 | 5 | 2 | 211 |
| | | Female... | 41 | 56 | 6 | 3 | .... | 6 | 12 | 10 | 4 | 8 | 20 | 8 | 1 | 175 |
| | Foreign White | Male..... | 2 | 2 | 1 | .... | .... | .... | 7 | 12 | 12 | 19 | 10 | 3 | .... | 68 |
| | | Female... | 2 | 5 | .... | .... | 1 | .... | 2 | 4 | 5 | 15 | 14 | 7 | 1 | 56 |
| | Colored..... | Male..... | 35 | 40 | 1 | 1 | 2 | 3 | 4 | 11 | 6 | 2 | 2 | 1 | 1 | 109 |
| | | Female... | 45 | 39 | 7 | 1 | 2 | .... | 1 | 2 | 1 | 2 | 3 | 3 | .... | 106 |
| | | Total... | 185 | 209 | 24 | 10 | 9 | 15 | 39 | 55 | 41 | 54 | 55 | 27 | 5 | 728 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Local Respiratory | Native White. | Male | 11 | 5 | .... | 1 | 2 | 2 | 5 | 3 | 5 | 6 | 7 | 3 | 1 | 51 |
| | | Female | 8 | 9 | 1 | 1 | .... | .... | 2 | 4 | 1 | 5 | 4 | 4 | .... | 39 |
| | Foreign White | Male | .... | .... | .... | .... | .... | 2 | .... | 4 | 3 | 5 | 8 | 2 | 2 | 26 |
| | | Female | .... | .... | .... | 1 | .... | 1 | 1 | 1 | 5 | 5 | 8 | 4 | 2 | 28 |
| | Colored | Male | 7 | .... | 1 | .... | .... | 1 | 2 | 3 | 2 | 1 | 2 | .... | .... | 19 |
| | | Female | 4 | 6 | .... | .... | 1 | .... | 2 | 1 | 3 | 3 | 1 | 3 | 1 | 25 |
| | | Total | 30 | 20 | 2 | 3 | 3 | 6 | 12 | 16 | 19 | 25 | 30 | 17 | 6 | 189 |
| *Total Local Digestive* | Native White. | Male | 85 | 27 | 1 | 3 | 5 | 9 | 11 | 16 | 13 | 12 | 10 | 3 | 1 | 196 |
| | | Female | 71 | 30 | 5 | 1 | 2 | 4 | 16 | 10 | 11 | 10 | 9 | 7 | 2 | 178 |
| | Foreign White | Male | .... | .... | .... | .... | 1 | 1 | .... | 9 | 18 | 21 | 20 | 7 | .... | 77 |
| | | Female | .... | 2 | .... | .... | .... | 2 | 1 | 6 | 12 | 14 | 12 | 6 | .... | 55 |
| | Colored | Male | 24 | 20 | .... | 1 | 2 | .... | 2 | 3 | 5 | 3 | 5 | .... | .... | 65 |
| | | Female | 21 | 16 | .... | .... | 4 | 2 | 6 | 5 | 8 | 2 | 2 | 1 | .... | 67 |
| | | Total | 201 | 95 | 6 | 5 | 14 | 18 | 36 | 50 | 67 | 62 | 58 | 24 | 3 | 639 |
| *Total Local Urinary* | Native White. | Male | .... | 1 | 1 | 1 | 4 | 3 | 17 | 19 | 17 | 11 | 11 | 6 | 1 | 92 |
| | | Female | .... | .... | 2 | 2 | 3 | 9 | 10 | 12 | 10 | 8 | 13 | 5 | .... | 74 |
| | Foreign White | Male | .... | .... | 1 | .... | .... | .... | 4 | 7 | 12 | 17 | 15 | 6 | .... | 62 |
| | | Female | .... | .... | .... | .... | .... | 1 | 2 | 6 | 6 | 7 | 3 | 2 | .... | 27 |
| | Colored | Male | 1 | 4 | 1 | .... | .... | .... | 2 | 4 | 10 | 4 | 5 | 2 | 2 | 35 |
| | | Female | .... | .... | 2 | 1 | 1 | 2 | 2 | 5 | 3 | 4 | 4 | 1 | 2 | 27 |
| | | Total | 1 | 5 | 7 | 4 | 8 | 15 | 37 | 53 | 60 | 51 | 52 | 22 | 5 | 320 |

## TABLE VIII—Continued.

| Cause. | Race. | Sex. | Age. | | | | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Under 1 year. | 1 year to 4 years. | 5 years to 9 years. | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | |
| Bright's Disease... | Native White. | Male | .... | 1 | .... | .... | 4 | 3 | 10 | 12 | 8 | 10 | 6 | 3 | .... | 57 |
| | | Female | .... | .... | .... | .... | 1 | 4 | 8 | 7 | 6 | 6 | 8 | .... | .... | 40 |
| | Foreign White | Male | .... | .... | 1 | .... | .... | .... | 1 | 6 | 5 | 7 | 7 | 2 | .... | 29 |
| | | Female | .... | .... | .... | .... | .... | .... | 1 | 4 | 3 | 4 | 3 | 1 | .... | 16 |
| | Colored | Male | .... | .... | 1 | .... | .... | .... | .... | 3 | 6 | 2 | 3 | .... | .... | 15 |
| | | Female | .... | .... | .... | .... | .... | 2 | 1 | 3 | 1 | ... | 3 | .... | 2 | 12 |
| | | Total | .... | 1 | 2 | .... | 5 | 9 | 21 | 35 | 30 | 29 | 31 | 6 | 2 | 171 |
| Other Local Urinary... | Native White. | Male | .... | ... | 1 | 1 | .... | .... | 7 | 7 | 9 | 1 | 5 | 3 | 1 | 35 |
| | | Female | .... | .... | 2 | 2 | 2 | 5 | 2 | 5 | 4 | 2 | 5 | 5 | .... | 34 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | 3 | 1 | 7 | 10 | 8 | 4 | .... | 33 |
| | | Female | .... | .... | .... | .... | .... | 1 | 1 | 2 | 3 | 3 | .... | 1 | ... | 11 |
| | Colored | Male | 1 | 4 | .... | .... | .... | .... | 2 | 1 | 4 | 2 | 2 | 2 | 2 | 20 |
| | | Female | .... | .... | 2 | 1 | 1 | .... | 1 | 2 | 2 | 4 | 1 | 1 | .... | 15 |
| | | Total | 1 | 4 | 5 | 4 | 3 | 6 | 16 | 18 | 30 | 22 | 21 | 16 | 3 | 149 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Local Generative...* | Native White. | Male..... | .... | 1 | .... | .... | 2 | 2 | .... | 1 | .... | 1 | .... | .... | .... | 7 |
| | | Female... | .... | .... | 1 | .... | 2 | 1 | .... | 1 | .... | .... | .... | .... | .... | 5 |
| | Foreign White | Male..... | ... | .... | .... | .... | 1 | .... | .... | 2 | 1 | .... | .... | .... | .... | 4 |
| | | Female... | .... | .... | .... | .... | .... | .... | 1 | 2 | .... | .... | .... | .... | .... | 3 |
| | Colored ..... | Male ..... | .... | 1 | 1 | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | .... | 4 |
| | | Female... | .... | .... | .... | 2 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 3 |
| | | Total... | .... | 2 | 2 | 2 | 5 | 3 | 1 | 7 | 2 | 1 | 1 | .... | .... | 26 |
| *Total Local Locomotory and Osseous .....* | Native White. | Male..... | 2 | .... | 2 | .... | .... | 1 | .... | .... | 1 | 1 | 1 | 3 | 1 | 12 |
| | | Female... | 1 | 4 | .... | .... | .... | 1 | 1 | .... | 1 | .... | .... | 2 | 1 | 11 |
| | Foreign White | Male..... | .... | .... | .... | .... | .... | .... | 2 | .... | 1 | .... | 1 | 1 | .... | 5 |
| | | Female... | .... | .... | .... | .... | .... | .... | .... | 1 | 3 | 2 | 1 | 1 | .... | 8 |
| | Colored ..... | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female... | 1 | .... | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | 1 | 1 | 5 |
| | | Total... | 4 | 4 | 2 | .... | .... | 2 | 4 | 2 | 6 | 3 | 3 | 8 | 3 | 41 |
| *Total Local Integumentary..* | Native White. | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female... | .... | .... | .... | .... | .... | .... | 3 | 2 | 1 | 3 | 1 | .... | .... | 10 |
| | Foreign White | Male ..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 | 1 | .... | .... | 3 |
| | Colored ..... | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | 2 |
| | | Total... | .... | .... | .... | .... | .... | .... | 3 | 3 | 3 | 4 | 2 | .... | .... | 15 |

## TABLE VIII—Continued.

| Cause. | Race. | Sex. | Age. | | | | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Under 1 year. | 1 year to 4 years. | 5 years to 9 years. | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | |
| *Total Developmental—Children* | Native White. | Male | 111 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 111 |
| | | Female | 94 | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 96 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Colored | Male | 32 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 32 |
| | | Female | 25 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 25 |
| | | Total | 262 | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 264 |
| Premature Birth | Native White. | Male | 79 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 79 |
| | | Female | 60 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 60 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Colored | Male | 24 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 24 |
| | | Female | 23 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 23 |
| | | Total | 186 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 186 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Developmental—Children. | Native White. | Male | 32 | | | | | | | | | | | | | 32 |
| | | Female | 34 | 1 | 1 | | | | | | | | | | | 36 |
| | Foreign White | Male | | | | | | | | | | | | | | |
| | | Female | | | | | | | | | | | | | | |
| | Colored | Male | 8 | | | | | | | | | | | | | 8 |
| | | Female | 2 | | | | | | | | | | | | | 2 |
| | | Total | 76 | 1 | 1 | | | | | | | | | | | 78 |
| *Total Developmental, Women* | Native White. | Male | | | | | | | | | | | | | | |
| | | Female | | | | | 3 | 12 | 19 | 6 | 1 | | | | | 41 |
| | Foreign White | Male | | | | | | | | | | | | | | |
| | | Female | | | | | | 3 | 9 | 5 | 1 | | | | | 18 |
| | Colored | Male | | | | | | | | | | | | | | |
| | | Female | | | | | 4 | 4 | 7 | 11 | | | | | | 26 |
| | | Total | | | | | 7 | 19 | 35 | 22 | 2 | | | | | 85 |
| *Total Developmental—Age.* | Native White. | Male | | | | | | | | | | | 6 | 15 | 7 | 28 |
| | | Female | | | | | | | | | | 1 | 6 | 28 | 26 | 61 |
| | Foreign White | Male | | | | | | | | | | 1 | 15 | 22 | 10 | 48 |
| | | Female | | | | | | | | | | | 12 | 38 | 10 | 60 |
| | Colored | Male | | | | | | | | | | | 4 | 7 | 3 | 14 |
| | | Female | | | | | | | | | | | 3 | 7 | 15 | 25 |
| | | Total | | | | | | | | | | 2 | 46 | 117 | 71 | 236 |

## TABLE VIII—Continued.

| Cause. | Race. | Sex. | Age. | | | | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Under 1 year. | 1 year to 4 years. | 5 years to 9 years. | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | |
| Old Age..... | Native White. | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 5 | 15 | 7 | 27 |
| | | Female.. | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 6 | 28 | 26 | 61 |
| | Foreign White | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 14 | 20 | 10 | 45 |
| | | Female.. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 12 | 37 | 10 | 59 |
| | Colored..... | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4 | 7 | 3 | 14 |
| | | Female.. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 3 | 7 | 15 | 25 |
| | | Total... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 | 44 | 114 | 71 | 231 |
| Other Developmental—Age | Native White. | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| | | Female.. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Foreign White | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 2 | .... | 3 |
| | | Female.. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| | Colored..... | Male..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female.. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Total... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 | 3 | .... | 5 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Developmental—Nutrition* | Native White | Male | 17 | 2 | .... | .... | .... | .... | .... | .... | .... | .... | 4 | 2 | .... | 25 |
| | | Female | 12 | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | 3 | 3 | 1 | 21 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 4 | 6 | .... | 11 |
| | | Female | .... | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | 4 | 6 | .... | 12 |
| | Colored | Male | 10 | 2 | .... | .... | .... | .... | .... | .... | .... | .... | 3 | 2 | .... | 17 |
| | | Female | 5 | 1 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 2 | .... | 9 |
| | | Total | 44 | 6 | .... | .... | .... | .... | 1 | 1 | 3 | .... | 19 | 21 | 1 | 96 |
| *Total Violence* | Native White | Male | 2 | 11 | 9 | 10 | 9 | 10 | 22 | 12 | 11 | 1 | 5 | 2 | .... | 104 |
| | | Female | 1 | 5 | 4 | 1 | 4 | 6 | 7 | 1 | 1 | 2 | 2 | 2 | .... | 36 |
| | Foreign White | Male | .... | .... | 1 | 2 | .... | 3 | 10 | 13 | 13 | 7 | 6 | 3 | 1 | 59 |
| | | Female | .... | .... | .... | .... | .... | 1 | .... | 2 | 3 | .... | 2 | 5 | .... | 13 |
| | Colored | Male | 10 | 4 | .... | 1 | 5 | 2 | 6 | 12 | 1 | 2 | 1 | .... | .... | 44 |
| | | Female | 4 | 1 | 1 | .... | 2 | 2 | 2 | 1 | 1 | .... | .... | .... | .... | 14 |
| | | Total | 17 | 21 | 15 | 14 | 20 | 24 | 50 | 48 | 32 | 12 | 16 | 12 | 1 | 282 |
| Unknown | Native White | Male | 5 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 6 |
| | | Female | 1 | .... | .... | .... | .... | .... | .... | 1 | .. | .... | .... | .... | .... | 2 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| | Colored | Male | .... | .... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 2 |
| | | Female | .... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 2 |
| | | Total | 6 | 1 | 1 | .... | .... | .... | .... | 2 | 3 | .... | .... | .... | .... | 13 |

# TABLE IX.

Showing the Actual Mortality of Infants under One Year of Age, in the City of Baltimore, during the Year 1888, according to Sex, Race, Cause, and Single Months of Age.

| Cause. | Race. | Sex. | Age. | | | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Under 1 month. | 1 month. | 2 months. | 3 months. | 4 months. | 5 months. | 6 months. | 7 months. | 8 months. | 9 months. | 10 months. | 11 months. | |
| All causes | White | Male | 286 | 100 | 79 | 83 | 81 | 53 | 57 | 61 | 61 | 52 | 54 | 42 | 1,009 |
| | | Female | 208 | 74 | 79 | 63 | 77 | 53 | 59 | 66 | 54 | 55 | 44 | 42 | 874 |
| | Colored | Male | 112 | 37 | 26 | 30 | 31 | 25 | 20 | 25 | 23 | 13 | 16 | 14 | 372 |
| | | Female | 83 | 24 | 28 | 37 | 31 | 26 | 29 | 27 | 11 | 17 | 16 | 19 | 348 |
| | | Total | 689 | 235 | 212 | 213 | 220 | 157 | 165 | 179 | 149 | 137 | 130 | 117 | 2,603 |
| Cholera Infantum | White | Male | 11 | 8 | 10 | 18 | 21 | 14 | 19 | 23 | 18 | 20 | 17 | 10 | 189 |
| | | Female | 5 | 11 | 19 | 18 | 23 | 21 | 20 | 19 | 23 | 13 | 12 | 16 | 200 |
| | Colored | Male | 3 | 7 | 4 | 7 | 6 | 9 | 3 | 4 | 5 | 3 | 4 | 2 | 57 |
| | | Female | .... | 6 | 7 | 8 | 8 | 8 | 9 | 5 | 3 | 2 | 1 | 7 | 64 |
| | | Total | 19 | 32 | 40 | 51 | 58 | 52 | 51 | 51 | 49 | 38 | 34 | 35 | 510 |
| Diarrhœa | White | Male | 3 | 3 | 4 | 1 | 2 | 2 | 1 | 2 | 1 | 3 | .... | 1 | 23 |
| | | Female | 3 | 2 | 1 | 1 | 4 | 3 | 1 | 3 | 1 | 1 | 1 | 2 | 23 |
| | Colored | Male | 2 | 1 | .... | 1 | 2 | .... | 1 | 1 | 1 | .... | .... | .... | 9 |
| | | Female | 1 | 1 | 1 | 1 | 1 | .... | 2 | 1 | .... | .... | 1 | 3 | 12 |
| | | Total | 9 | 7 | 6 | 4 | 9 | 5 | 5 | 7 | 3 | 4 | 2 | 6 | 67 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inanition | White | Male | 26 | 10 | 4 | 3 | 3 | 4 | .... | 3 | 1 | 1 | .... | .... | 55 |
| | | Female | 21 | 4 | 7 | 7 | 2 | 3 | 1 | .... | 1 | 1 | 1 | .... | 48 |
| | Colored | Male | 17 | 4 | 2 | 4 | 1 | 1 | .... | 1 | 1 | .... | .... | 1 | 32 |
| | | Female | 11 | 2 | 5 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | .... | 31 |
| | | Total | 75 | 20 | 18 | 16 | 8 | 10 | 3 | 6 | 4 | 3 | 2 | 1 | 166 |
| Marasmus | White | Male | 9 | 19 | 14 | 19 | 14 | 6 | 5 | 3 | 6 | 2 | 1 | 1 | 99 |
| | | Female | 8 | 11 | 21 | 13 | 8 | 5 | 7 | 4 | 3 | 4 | 3 | 1 | 88 |
| | Colored | Male | 2 | 3 | 5 | 3 | 3 | 2 | 1 | 1 | 4 | 1 | 1 | .... | 26 |
| | | Female | 2 | 1 | 2 | 6 | 1 | 1 | 3 | 3 | 1 | 2 | .... | 1 | 23 |
| | | Total | 21 | 34 | 42 | 41 | 26 | 14 | 16 | 11 | 14 | 9 | 5 | 3 | 236 |
| Convulsions | White | Male | 44 | 12 | 7 | 5 | 4 | 3 | 3 | 1 | 2 | 1 | 1 | .... | 83 |
| | | Female | 34 | 6 | 6 | 3 | 3 | 4 | 4 | 3 | 2 | 2 | 1 | .... | 68 |
| | Colored | Male | 30 | 4 | 2 | 2 | 1 | .... | 1 | 4 | .... | 1 | 1 | 1 | 47 |
| | | Female | 20 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | .... | .... | .... | 1 | 36 |
| | | Total | 128 | 24 | 17 | 13 | 10 | 9 | 10 | 10 | 4 | 4 | 3 | 2 | 234 |
| Bronchitis | White | Male | 5 | 5 | 5 | 4 | 7 | 2 | 2 | .... | 2 | 3 | 2 | 1 | 38 |
| | | Female | 2 | 3 | 4 | 4 | 1 | 2 | 3 | 1 | 2 | 2 | 1 | .... | 25 |
| | Colored | Male | 2 | 2 | 2 | 2 | 5 | .... | 2 | 2 | 1 | .... | 2 | 1 | 21 |
| | | Female | 3 | 2 | 1 | 4 | 2 | 3 | 1 | 1 | 2 | 1 | 3 | 1 | 24 |
| | | Total | 12 | 12 | 12 | 14 | 15 | 7 | 8 | 4 | 7 | 6 | 8 | 3 | 108 |

## TABLE IX—Concluded.

| Cause. | Race. | Sex. | AGE. | | | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Under 1 month. | 1 month. | 2 months. | 3 months. | 4 months. | 5 months. | 6 months. | 7 months. | 8 months. | 9 months. | 10 months. | 11 months. | |
| Pneumonia | White | Male | 2 | 7 | 7 | 7 | 3 | 4 | 9 | 2 | 3 | 5 | 8 | 5 | 62 |
| | | Female | 6 | 3 | 2 | 5 | 3 | 1 | 2 | 5 | 1 | 6 | 3 | 4 | 41 |
| | Colored | Male | 3 | 4 | 2 | 3 | 4 | 3 | 5 | 3 | 2 | 3 | 3 | .... | 35 |
| | | Female | 1 | 1 | 4 | 5 | 7 | 3 | 4 | 6 | 2 | 4 | 4 | 4 | 45 |
| | | Total | 12 | 15 | 15 | 20 | 17 | 11 | 20 | 16 | 8 | 18 | 18 | 13 | 183 |
| Premature Birth | White | Male | 73 | 4 | .... | 1 | 1 | ... | .... | .... | .... | .... | .... | .... | 79 |
| | | Female | 54 | 6 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 60 |
| | Colored | Male | 23 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 24 |
| | | Female | 22 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 23 |
| | | Total | 172 | 11 | 1 | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | 186 |
| All Other Causes | White | Male | 113 | 32 | 28 | 25 | 26 | 18 | 18 | 27 | 28 | 17 | 25 | 24 | 381 |
| | | Female | 75 | 28 | 19 | 11 | 32 | 14 | 21 | 29 | 20 | 23 | 22 | 18 | 312 |
| | Colored | Male | 30 | 11 | 9 | 8 | 9 | 10 | 7 | 9 | 9 | 5 | 5 | 9 | 121 |
| | | Female | 23 | 9 | 5 | 8 | 8 | 7 | 6 | 7 | 2 | 7 | 6 | 2 | 90 |
| | | Total | 241 | 80 | 61 | 52 | 75 | 49 | 52 | 72 | 59 | 52 | 58 | 53 | 904 |

# TABLE X.

Showing the Actual Mortality in the City of Baltimore for the Year 1888, and for each Month, according to Cause, Sex, Race and Nativity.

| Cause. | Race. | Sex. | Month. | | | | | | | | | | | | The Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | |
| All Causes..... | Native White. | Male..... | 216 | 212 | 241 | 195 | 178 | 242 | 346 | 288 | 199 | 190 | 180 | 193 | 2,680 |
| | | Female.. | 193 | 211 | 217 | 172 | 145 | 237 | 321 | 309 | 204 | 197 | 149 | 194 | 2,549 |
| | Foreign White | Male..... | 78 | 56 | 82 | 65 | 55 | 77 | 74 | 89 | 63 | 64 | 54 | 76 | 833 |
| | | Female... | 77 | 72 | 71 | 50 | 64 | 53 | 71 | 60 | 57 | 65 | 59 | 59 | 758 |
| | Colored..... | Male..... | 85 | 81 | 125 | 69 | 74 | 85 | 122 | 98 | 80 | 74 | 66 | 78 | 1,037 |
| | | Female... | 93 | 91 | 113 | 93 | 74 | 98 | 128 | 101 | 69 | 82 | 75 | 79 | 1,096 |
| | | Total... | 745 | 723 | 854 | 652 | 590 | 795 | 1063 | 946 | 673 | 675 | 590 | 680 | 8,986 |
| *Total Zymotic Miasmatic* ..... | Native White. | Male..... | 41 | 30 | 39 | 31 | 22 | 68 | 169 | 114 | 51 | 38 | 31 | 32 | 666 |
| | | Female... | 33 | 35 | 30 | 29 | 23 | 94 | 155 | 114 | 52 | 46 | 36 | 22 | 669 |
| | Foreign White | Male..... | 1 | 5 | 2 | 3 | 1 | 7 | 17 | 19 | 8 | 6 | 4 | 2 | 75 |
| | | Female... | 5 | 2 | 5 | 3 | 4 | 2 | 27 | 15 | 16 | 7 | 4 | 5 | 95 |
| | Colored..... | Male..... | 7 | 11 | 15 | 9 | 6 | 20 | 49 | 38 | 14 | 10 | 7 | 5 | 191 |
| | | Female... | 5 | 14 | 9 | 14 | 7 | 37 | 48 | 35 | 10 | 13 | 6 | 3 | 201 |
| | | Total... | 92 | 97 | 100 | 89 | 63 | 229 | 465 | 336 | 151 | 120 | 89 | 69 | 1,900 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cholera Infantum. | Native White. | Male | .... | .... | .... | .... | 1 | 48 | 112 | 61 | 14 | .... | 2 | .... | 238 |
| | | Female | .... | .... | .... | .... | 2 | 63 | 102 | 55 | 19 | 3 | .... | .... | 244 |
| | Foreign White | Male | .... | .... | .... | .... | .... | 1 | 2 | 2 | .... | .... | .... | .... | 5 |
| | | Female | .... | .... | .... | .... | 1 | .... | 4 | .... | .... | .... | .... | .... | 5 |
| | Colored | Male | .... | .... | .... | .... | .... | 15 | 27 | 20 | 2 | .... | 1 | .... | 65 |
| | | Female | .... | .... | .... | .... | 1 | 24 | 31 | 18 | 3 | 1 | .... | .... | 78 |
| | | Total | .... | .... | .... | .... | 5 | 151 | 278 | 156 | 38 | 4 | 3 | .... | 635 |
| Croup | Native White. | Male | 3 | 1 | 2 | 2 | 2 | 1 | 1 | .... | .... | 3 | 3 | 2 | 20 |
| | | Female | 1 | 3 | 1 | 1 | 2 | .... | .... | .... | .... | 3 | 1 | .... | 12 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | 1 | .... | .... | .... | .... | .... | .... | .. | .... | .... | .... | .... | 1 |
| | Colored | Male | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | 3 |
| | | Female | .... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 2 |
| | | Total | 6 | 5 | 3 | 3 | 5 | 1 | 1 | 1 | .... | 6 | 4 | 3 | 38 |
| Diarrhœa | Native White. | Male | .... | 2 | .... | .... | 1 | 6 | 8 | 11 | 5 | 1 | .... | 1 | 35 |
| | | Female | .... | 2 | 1 | .... | .... | 3 | 9 | 13 | 4 | 3 | 2 | .... | 37 |
| | Foreign White | Male | .... | .... | .... | 1 | .... | .... | 2 | 2 | 1 | 1 | .... | .... | 7 |
| | | Female | .... | .... | 1 | 1 | 1 | 1 | 2 | 1 | .... | 1 | 1 | .... | 9 |
| | Colored | Male | .... | 1 | 1 | .... | .... | .... | 6 | 4 | 4 | .... | .... | .... | 16 |
| | | Female | 2 | 1 | 1 | 2 | .... | 2 | 6 | 2 | .... | 3 | 1 | 1 | 21 |
| | | Total | 2 | 6 | 4 | 4 | 2 | 12 | 33 | 33 | 14 | 9 | 4 | 2 | 125 |

## TABLE X—Continued.

| Cause. | Race. | Sex. | Month. | | | | | | | | | | | | The Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | |
| Diphtheria | Native White. | Male | 15 | 8 | 5 | 7 | 2 | 1 | 4 | 5 | 5 | 14 | 8 | 7 | 81 |
| | | Female | 9 | 6 | 7 | 5 | 2 | 5 | 3 | 4 | 6 | 10 | 15 | 11 | 83 |
| | Foreign White | Male | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 2 |
| | | Female | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 2 |
| | Colored | Male | .... | 1 | 1 | 2 | .... | .... | .... | 2 | .... | 1 | .... | 1 | 8 |
| | | Female | .... | 1 | .... | .... | .... | .... | 1 | 3 | .... | .... | 1 | .... | 6 |
| | | Total | 24 | 17 | 14 | 14 | 4 | 6 | 8 | 14 | 11 | 26 | 25 | 19 | 182 |
| Typhoid Fever | Native White. | Male | 4 | .... | 1 | 5 | 2 | 2 | 1 | 6 | 9 | 8 | 7 | 8 | 53 |
| | | Female | 5 | 3 | 1 | 2 | 1 | 2 | 4 | 9 | 6 | 7 | 5 | 2 | 47 |
| | Foreign White | Male | .... | 2 | .... | .... | .... | 3 | 1 | 5 | 4 | 3 | 3 | 1 | 22 |
| | | Female | .... | .... | 2 | .... | .... | .... | 1 | 6 | 8 | 2 | .... | 1 | 20 |
| | Colored | Male | 1 | .... | 2 | 1 | 2 | .... | .. | 2 | 3 | 2 | 1 | 3 | 17 |
| | | Female | .... | .... | .... | 1 | .... | 2 | .... | 2 | 3 | .... | 2 | .... | 10 |
| | | Total | 10 | 5 | 6 | 9 | 5 | 9 | 7 | 30 | 33 | 22 | 19 | 15 | 170 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Zymotic Miasmatic | Native White | Male | 19 | 19 | 31 | 17 | 14 | 10 | 43 | 31 | 18 | 12 | 11 | 14 | 239 |
| | | Female | 18 | 21 | 20 | 21 | 16 | 21 | 37 | 33 | 17 | 20 | 13 | 9 | 246 |
| | Foreign White | Male | 1 | 3 | 1 | 2 | 1 | 3 | 12 | 10 | 3 | 1 | 1 | 1 | 39 |
| | | Female | 4 | 1 | 2 | 2 | 2 | 1 | 20 | 8 | 8 | 4 | 2 | 4 | 58 |
| | Colored | Male | 5 | 9 | 11 | 6 | 3 | 5 | 16 | 10 | 5 | 7 | 5 | .... | 82 |
| | | Female | 3 | 11 | 8 | 11 | 6 | 9 | 10 | 9 | 4 | 9 | 2 | 2 | 84 |
| | | Total | 50 | 64 | 73 | 59 | 42 | 50 | 138 | 102 | 55 | 53 | 34 | 30 | 750 |
| *Total Zymotic Enthetic* | Native White. | Male | .... | .... | 1 | .... | 3 | .... | .. | 1 | 1 | .... | .... | .... | 6 |
| | | Female | .... | 1 | 2 | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | 5 |
| | Foreign White | Male | .... | .... | .... | .... | ... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .. | ..... |
| | Colored | Male | .... | .... | 1 | 1 | 1 | .... | 1 | ... | .... | .. | .... | .... | 4 |
| | | Female | .... | 1 | .... | 1 | 1 | 1 | 1 | .... | .... | .... | .... | .... | 5 |
| | | Total | ... | 2 | 4 | 2 | 6 | 1 | 2 | 1 | 1 | .... | .... | 1 | 20 |
| *Total Zymotic Dietic* | Native White. | Male | 4 | 5 | 6 | 5 | 10 | 11 | 8 | 13 | 12 | 3 | 6 | 5 | 88 |
| | | Female | 5 | 2 | 4 | 4 | .... | 7 | 14 | 12 | 8 | .... | 3 | 5 | 64 |
| | Foreign White | Male | 1 | .... | 1 | 2 | 1 | 1 | .... | 2 | 2 | .... | .... | 4 | 14 |
| | | Female | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | 2 |
| | Colored | Male | 6 | .... | 6 | .... | 4 | 4 | 7 | 1 | 7 | 2 | 2 | 5 | 44 |
| | | Female | 4 | 1 | 4 | 4 | 4 | 5 | 4 | 1 | 2 | 1 | 4 | 3 | 37 |
| | | Total | 21 | 8 | 21 | 15 | 20 | 28 | 33 | 29 | 31 | 6 | 15 | 23 | 250 |

## TABLE X—Continued.

| Cause. | Race. | Sex. | Month. | | | | | | | | | | | | The Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | |
| Inanition..... | Native White. | Male . ... | 3 | 4 | 4 | 3 | 5 | 7 | 6 | 10 | 9 | 1 | 4 | 1 | 57 |
| | | Female ... | 5 | .... | 4 | 3 | .... | 6 | 12 | 10 | 4 | .... | 2 | 3 | 49 |
| | Foreign White | Male..... | .... | .... | 1 | 1 | .... | .... | .... | 1 | 2 | .... | .... | .... | 5 |
| | | Female ... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .. | ..... |
| | Colored ..... | Male..... | 3 | .... | 5 | .... | 3 | 4 | 6 | 1 | 6 | 2 | 2 | 3 | 35 |
| | | Female ... | 4 | 1 | 2 | 2 | 4 | 4 | 4 | 1 | 2 | 1 | 4 | 2 | 31 |
| | | Total .. | 15 | 5 | 16 | 9 | 12 | 21 | 28 | 23 | 23 | 4 | 12 | 9 | 177 |
| Other Zymotic Dietic..... | Native White. | Male..... | 1 | 1 | 2 | 2 | 5 | 4 | 2 | 3 | 3 | 2 | 2 | 4 | 31 |
| | | Female ... | .... | 2 | .... | 1 | .... | 1 | 2 | 2 | 4 | .... | 1 | 2 | 15 |
| | Foreign White | Male..... | 1 | .... | .... | 1 | 1 | 1 | .... | 1 | .... | .... | .... | 4 | 9 |
| | | Female ... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | 2 |
| | Colored ..... | Male..... | 3 | .... | 1 | .... | 1 | .... | 1 | .... | 1 | .. | .... | 2 | 9 |
| | | Female .. | .... | .... | 2 | 2 | .... | 1 | .... | .... | .... | .... | .... | 1 | 6 |
| | | Total... | 6 | 3 | 5 | 6 | 8 | 7 | 5 | 6 | 8 | 2 | 3 | 14 | 73 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Zymotic Parasitic* | Native White. | Male | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | .... | 1 | .... | 3 |
| | | Female | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Colored | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | | Total | .... | .... | 1 | .... | 1 | .... | 1 | 1 | .... | .... | 1 | .... | 5 |
| *Total Constitutional Diathetic* | Native White. | Male | 5 | 3 | 1 | 3 | 6 | 4 | 5 | 1 | 1 | 7 | 2 | 3 | 41 |
| | | Female | 7 | 4 | 12 | 8 | 4 | 10 | 12 | 6 | 8 | 7 | 10 | 6 | 94 |
| | Foreign White | Male | 3 | 3 | 2 | 3 | 5 | 5 | 5 | 7 | 3 | 4 | 1 | 2 | 43 |
| | | Female | 7 | 6 | 10 | 3 | 8 | 5 | 3 | 6 | 5 | 8 | 8 | 5 | 74 |
| | Colored | Male | 1 | 2 | 2 | 1 | .... | .... | 1 | 1 | .... | .... | 1 | 1 | 10 |
| | | Female | 4 | 2 | 4 | 2 | 5 | 1 | 1 | 4 | 1 | 1 | 2 | .... | 27 |
| | | Total | 27 | 20 | 31 | 20 | 28 | 26 | 27 | 25 | 18 | 27 | 25 | 17 | 291 |
| Cancer | Native White. | Male | 2 | 2 | 1 | 2 | 4 | 2 | 4 | .... | 1 | 4 | 2 | 3 | 27 |
| | | Female | 4 | 2 | 10 | 7 | 4 | 7 | 12 | 6 | 8 | 5 | 9 | 4 | 78 |
| | Foreign White | Male | 3 | 3 | 2 | 3 | 3 | 5 | 4 | 6 | 3 | 4 | 1 | 1 | 38 |
| | | Female | 4 | 6 | 6 | 3 | 6 | 4 | 3 | 6 | 5 | 7 | 6 | 5 | 61 |
| | Colored | Male | ... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 | 3 |
| | | Female | 3 | 1 | 2 | 1 | 3 | .... | 1 | 4 | 1 | 1 | 1 | .... | 18 |
| | | Total | 16 | 15 | 21 | 16 | 20 | 19 | 24 | 23 | 18 | 21 | 20 | 14 | 227 |

## TABLE X—Continued.

| Cause. | Race. | Sex. | Month. | | | | | | | | | | | | The Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | |
| Other Constitutional Diathetic..... | Native White. | Male..... | 3 | 1 | .... | 1 | 2 | 2 | 1 | 1 | .... | 3 | .... | .... | 14 |
| | | Female... | 3 | 2 | 2 | 1 | .... | 3 | .... | .... | .... | 2 | 1 | 2 | 16 |
| | Foreign White | Male..... | .... | .... | .... | .... | 2 | .... | 1 | 1 | .... | .... | .... | 1 | 5 |
| | | Female... | 3 | .... | 4 | .... | 2 | 1 | .... | .... | .... | 1 | 2 | .... | 13 |
| | Colored..... | Male..... | 1 | 1 | 2 | 1 | .... | .... | 1 | .... | .... | .... | 1 | .... | 7 |
| | | Female... | 1 | 1 | 2 | 1 | 2 | 1 | .... | .... | .... | .... | 1 | .... | 9 |
| | | Total... | 11 | 5 | 10 | 4 | 8 | 7 | 3 | 2 | .... | 6 | 5 | 3 | 64 |
| *Total Constitutional Tubercular*..... | Native White. | Male..... | 28 | 50 | 49 | 33 | 32 | 40 | 49 | 37 | 31 | 38 | 26 | 38 | 451 |
| | | Female... | 26 | 41 | 43 | 36 | 27 | 23 | 39 | 57 | 55 | 44 | 26 | 39 | 456 |
| | Foreign White | Male..... | 12 | 5 | 16 | 11 | 9 | 9 | 7 | 11 | 8 | 12 | 12 | 12 | 124 |
| | | Female... | 10 | 11 | 9 | 8 | 12 | 5 | 6 | 10 | 4 | 11 | 10 | 7 | 103 |
| | Colored..... | Male..... | 17 | 14 | 28 | 19 | 20 | 24 | 22 | 15 | 18 | 20 | 13 | 17 | 227 |
| | | Female... | 26 | 20 | 25 | 20 | 19 | 20 | 17 | 20 | 16 | 22 | 14 | 18 | 237 |
| | | Total... | 119 | 141 | 172 | 127 | 119 | 121 | 140 | 150 | 132 | 147 | 101 | 131 | 1600 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Consumption | Native White | Male | 18 | 34 | 33 | 24 | 26 | 28 | 16 | 20 | 17 | 21 | 20 | 29 | 286 |
| | | Female | 15 | 33 | 31 | 29 | 23 | 15 | 25 | 34 | 27 | 24 | 23 | 29 | 308 |
| | Foreign White | Male | 11 | 4 | 15 | 11 | 9 | 8 | 6 | 10 | 8 | 11 | 12 | 11 | 116 |
| | | Female | 10 | 9 | 9 | 8 | 12 | 5 | 6 | 10 | 4 | 10 | 10 | 5 | 98 |
| | Colored | Male | 12 | 14 | 23 | 15 | 16 | 15 | 13 | 10 | 12 | 17 | 11 | 13 | 171 |
| | | Female | 23 | 17 | 21 | 18 | 16 | 16 | 12 | 13 | 11 | 18 | 9 | 10 | 184 |
| | | Total | 89 | 111 | 134 | 105 | 102 | 87 | 78 | 97 | 79 | 101 | 85 | 97 | 1165 |
| Marasmus | Native White | Male | 5 | 9 | 11 | 5 | 3 | 10 | 21 | 12 | 12 | 14 | 3 | 5 | 110 |
| | | Female | 5 | 3 | 6 | 4 | 2 | 6 | 12 | 20 | 20 | 14 | 2 | 5 | 99 |
| | Foreign White | Male | 1 | ... | 1 | .... | .... | .... | 1 | .... | .... | 1 | .... | .... | 4 |
| | | Female | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 2 | 4 |
| | Colored | Male | 3 | .... | 3 | .... | 2 | 5 | 5 | 4 | 4 | 3 | 1 | 3 | 33 |
| | | Female | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 7 | 3 | 2 | 4 | 5 | 38 |
| | | Total | 17 | 15 | 24 | 11 | 9 | 23 | 42 | 43 | 39 | 35 | 10 | 20 | 288 |
| Other Constitutional Tubercular | Native White | Male | 5 | 7 | 5 | 4 | 3 | 2 | 12 | 5 | 2 | 3 | 3 | 4 | 55 |
| | | Female | 6 | 5 | 6 | 3 | 2 | 2 | 2 | 3 | 8 | 6 | 1 | 5 | 49 |
| | Foreign White | Male | .... | 1 | .... | .... | .... | 1 | .... | 1 | .... | .... | .... | 1 | 4 |
| | | Female | ... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | Colored | Male | 2 | .... | 2 | 4 | 2 | 4 | 4 | 1 | 2 | .... | 1 | 1 | 23 |
| | | Female | .... | 1 | 1 | .... | 1 | 2 | 2 | .... | 2 | 2 | 1 | 3 | 15 |
| | | Total | 13 | 15 | 14 | 11 | 8 | 11 | 20 | 10 | 14 | 11 | 6 | 14 | 147 |

## TABLE X—Continued.

| Cause. | Race. | Sex. | Month. January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | The Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Local Nervous* | Native White. | Male | 31 | 34 | 45 | 33 | 34 | 45 | 35 | 38 | 32 | 34 | 27 | 20 | 408 |
| | | Female | 34 | 32 | 35 | 31 | 18 | 34 | 24 | 41 | 22 | 16 | 17 | 35 | 339 |
| | Foreign White. | Male | 9 | 10 | 6 | 5 | 7 | 14 | 11 | 15 | 10 | 9 | 6 | 8 | 110 |
| | | Female | 12 | 6 | 7 | 11 | 9 | 7 | 8 | 6 | 6 | 7 | 6 | 10 | 95 |
| | Colored | Male | 6 | 14 | 17 | 9 | 11 | 9 | 10 | 9 | 5 | 10 | 10 | 8 | 118 |
| | | Female | 8 | 14 | 15 | 7 | 7 | 7 | 15 | 13 | 11 | 11 | 11 | 10 | 129 |
| | | Total | 100 | 110 | 125 | 96 | 86 | 116 | 103 | 122 | 86 | 88 | 78 | 91 | 1,201 |
| Apoplexy | Native White. | Male | 6 | 5 | 4 | 5 | 5 | 9 | 2 | 4 | 4 | 4 | 4 | 2 | 54 |
| | | Female | 2 | 4 | 5 | 5 | 3 | 4 | .... | 3 | 1 | 2 | .... | 7 | 36 |
| | Foreign White. | Male | 4 | 3 | 3 | 4 | 2 | 2 | 2 | 6 | 2 | 2 | 3 | 1 | 34 |
| | | Female | 6 | 2 | 2 | 6 | 2 | 2 | 4 | 3 | 3 | 2 | 3 | 3 | 38 |
| | Colored | Male | .... | 2 | .... | .... | 2 | 1 | .... | 2 | .... | 2 | .... | .... | 9 |
| | | Female | 1 | 4 | 2 | 2 | 2 | .... | 2 | 1 | 4 | .... | 1 | 2 | 21 |
| | | Total | 19 | 20 | 16 | 22 | 16 | 18 | 10 | 19 | 14 | 13 | 11 | 15 | 193 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Convulsions | Native White. | Male | 9 | 15 | 14 | 4 | 9 | 7 | 9 | 8 | 7 | 6 | 8 | 6 | 102 |
| | | Female | 13 | 4 | 10 | 6 | 3 | 6 | 4 | 10 | 5 | 7 | 5 | 10 | 83 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| | | Female | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | 1 |
| | Colored | Male | 2 | 2 | 12 | 4 | 3 | 3 | 6 | 3 | 5 | 4 | 3 | 5 | 52 |
| | | Female | 2 | 3 | 5 | 1 | 2 | 3 | 5 | 4 | 3 | 5 | 4 | 4 | 41 |
| | | Total | 26 | 24 | 41 | 15 | 17 | 19 | 25 | 26 | 20 | 22 | 20 | 25 | 280 |
| Meningitis | Native White. | Male | 4 | 5 | 11 | 11 | 5 | 10 | 8 | 8 | 4 | 9 | 4 | 4 | 83 |
| | | Female | 4 | 8 | 8 | 7 | 5 | 13 | 10 | 7 | 2 | 2 | 6 | 8 | 80 |
| | Foreign White | Male | .... | 1 | 1 | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | 4 |
| | | Female | .... | 2 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 3 |
| | Colored | Male | 2 | 5 | 1 | 3 | 4 | .... | 1 | 2 | .... | .... | 3 | 1 | 22 |
| | | Female | 1 | 1 | .... | .... | .... | 3 | 4 | 2 | .... | 2 | .... | .... | 13 |
| | | Total | 11 | 22 | 21 | 21 | 15 | 27 | 23 | 19 | 6 | 13 | 14 | 13 | 205 |
| Paralysis | Native White. | Male | 2 | 1 | 3 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 3 | 1 | 31 |
| | | Female | 10 | 5 | 7 | 5 | 2 | 3 | 2 | 3 | 3 | 1 | 2 | 5 | 48 |
| | Foreign White | Male | 3 | 1 | 1 | 1 | 1 | 6 | 4 | 4 | 1 | 3 | .... | 3 | 28 |
| | | Female | 4 | 1 | 2 | 2 | 3 | 5 | 1 | 2 | 2 | 3 | 2 | 6 | 33 |
| | Colored | Male | .... | 1 | 1 | 1 | 1 | 1 | 2 | 1 | .... | 1 | 3 | 1 | 13 |
| | | Female | 1 | 3 | 6 | 3 | 1 | 1 | 1 | 2 | .... | 2 | 1 | 1 | 22 |
| | | Total | 20 | 12 | 20 | 14 | 10 | 19 | 14 | 17 | 8 | 13 | 11 | 17 | 175 |

## TABLE X—Continued.

| Cause. | Race. | Sex. | Month. | | | | | | | | | | | | The Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | |
| Other Local Nervous. | Native White. | Male..... | 10 | 8 | 13 | 11 | 13 | 16 | 12 | 13 | 15 | 12 | 8 | 7 | 138 |
| | | Female ... | 5 | 11 | 5 | 8 | 5 | 8 | 8 | 18 | 11 | 4 | 4 | 5 | 92 |
| | Foreign White | Male..... | 2 | 5 | 1 | .... | 4 | 5 | 5 | 4 | 7 | 4 | 2 | 4 | 43 |
| | | Female ... | 2 | 1 | 3 | 3 | 3 | .... | 2 | 1 | 1 | 2 | 1 | 1 | 20 |
| | Colored ..... | Male..... | 2 | 4 | 3 | 1 | 1 | 4 | 1 | 1 | .... | 3 | 1 | 1 | 22 |
| | | Female ... | 3 | 3 | 2 | 1 | 2 | .... | 3 | 4 | 4 | 2 | 5 | 3 | 32 |
| | | Total... | 24 | 32 | 27 | 24 | 28 | 33 | 31 | 41 | 38 | 27 | 22 | 21 | 348 |
| *Total Local Circulatory* ... | Native White. | Male..... | 8 | 9 | 10 | 15 | 12 | 7 | 9 | 9 | 7 | 6 | 11 | 10 | 113 |
| | | Female ... | 12 | 7 | 7 | 9 | 11 | 7 | 9 | 11 | 10 | 17 | 7 | 8 | 115 |
| | Foreign White | Male..... | 12 | 4 | 11 | 7 | 6 | 9 | 8 | 3 | 2 | 6 | 8 | 12 | 88 |
| | | Female ... | 6 | 13 | 9 | 8 | 4 | 6 | 7 | 4 | 10 | 6 | 9 | 7 | 89 |
| | Colored ..... | Male..... | 3 | 2 | 6 | 3 | 4 | 5 | 12 | 5 | 9 | 2 | 5 | 3 | 59 |
| | | Female ... | 4 | 5 | 9 | 3 | 8 | 4 | 12 | 6 | 5 | 5 | 5 | 8 | 74 |
| | | Total... | 45 | 40 | 53 | 45 | 45 | 38 | 57 | 38 | 43 | 42 | 46 | 48 | 540 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart disease..... | Native White.. | Male..... | 8 | 8 | 9 | 15 | 12 | 7 | 9 | 9 | 7 | 5 | 11 | 10 | 110 |
| | | Female ... | 12 | 6 | 7 | 9 | 11 | 7 | 9 | 11 | 10 | 17 | 7 | 8 | 114 |
| | Foreign White | Male..... | 11 | 4 | 11 | 7 | 5 | 8 | 6 | 3 | 2 | 6 | 8 | 12 | 83 |
| | | Female ... | 6 | 13 | 9 | 7 | 4 | 6 | 7 | 4 | 10 | 6 | 9 | 7 | 88 |
| | Colored ..... | Male..... | 3 | 2 | 6 | 3 | 4 | 5 | 11 | 5 | 9 | 2 | 5 | 3 | 58 |
| | | Female ... | 3 | 5 | 8 | 3 | 7 | 4 | 12 | 6 | 5 | 4 | 5 | 8 | 70 |
| | | Total... | 43 | 38 | 51 | 44 | 43 | 37 | 54 | 38 | 43 | 40 | 46 | 48 | 525 |
| Other Local Circulatory..... | Native White.. | Male..... | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 3 |
| | | Female ... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | Foreign White | Male.. ... | 1 | ... | .... | .... | 1 | 1 | 2 | .... | .... | .... | .... | .... | 5 |
| | | Female ... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | Colored ..... | Male..... | .... | .... | .... | .... | .... | .... | 1 | .... | ... | .... | .... | .... | 1 |
| | | Female ... | 1 | ... | 1 | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | 4 |
| | | Total... | 2 | 2 | 2 | 1 | 2 | 1 | 3 | .... | .... | 2 | .... | .... | 15 |
| *Total Local Respiration* ..... | Native White. | Male..... | 56 | 45 | 47 | 30 | 24 | 12 | 9 | 6 | 11 | 23 | 28 | 32 | 323 |
| | | Female ... | 29 | 38 | 44 | 22 | 22 | 10 | 7 | 14 | 6 | 23 | 24 | 32 | 271 |
| | Foreign White | Male..... | 16 | 13 | 20 | 10 | 6 | 9 | 3 | 5 | 9 | 7 | 3 | 12 | 113 |
| | | Female ... | 19 | 15 | 10 | 9 | 7 | 5 | 5 | 1 | 3 | 9 | 6 | 11 | 100 |
| | Colored ..... | Male..... | 25 | 25 | 31 | 12 | 13 | 4 | 6 | 3 | 4 | 11 | 14 | 23 | 171 |
| | | Female ... | 19 | 25 | 22 | 21 | 12 | 7 | 6 | 4 | 11 | 14 | 15 | 24 | 180 |
| | | Total... | 165 | 161 | 174 | 105 | 84 | 47 | 36 | 33 | 44 | 88 | 91 | 134 | 1,162 |

TABLE X—Continued.

| Cause. | Race. | Sex. | Month. | | | | | | | | | | | | The Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | |
| Bronchitis..... | Native White. | Male..... | 6 | 9 | 3 | 11 | 3 | 5 | 3 | 2 | 2 | 6 | 5 | 6 | 61 |
| | | Female ... | 2 | 9 | 8 | 6 | 5 | 2 | 1 | 3 | 1 | 7 | 3 | 10 | 57 |
| | Foreign White. | Male..... | 1 | 1 | 7 | 3 | ... | .... | 1 | 1 | 1 | 1 | 2 | 1 | 19 |
| | | Female ... | 2 | 1 | 1 | 2 | 2 | 3 | .... | .... | 3 | 1 | 1 | .... | 16 |
| | Colored ..... | Male..... | 8 | 5 | 7 | 3 | 4 | .... | 1 | .... | .... | 2 | 5 | 8 | 43 |
| | | Female ... | 4 | 6 | 5 | 3 | 4 | 1 | 3 | 1 | 5 | 6 | 3 | 8 | 49 |
| | | Total... | 23 | 31 | 31 | 28 | 18 | 11 | 9 | 7 | 12 | 23 | 19 | 33 | 245 |
| Pneumonia ..... | Native White. | Male..... | 40 | 29 | 34 | 16 | 19 | 6 | 6 | 4 | 7 | 11 | 16 | 23 | 211 |
| | | Female ... | 22 | 25 | 30 | 15 | 15 | 7 | 5 | 8 | 5 | 12 | 15 | 16 | 175 |
| | Foreign White. | Male..... | 13 | 8 | 9 | 7 | 5 | 6 | 1 | 2 | 5 | 4 | 1 | 7 | 68 |
| | | Female ... | 10 | 8 | 6 | 7 | 3 | 1 | 4 | 1 | .... | 5 | 3 | 8 | 56 |
| | Colored..... | Male..... | 16 | 17 | 22 | 8 | 7 | 3 | 1 | 2 | 3 | 9 | 9 | 12 | 109 |
| | | Female ... | 11 | 15 | 15 | 13 | 8 | 6 | .... | 3 | 5 | 6 | 10 | 14 | 106 |
| | | Total... | 113 | 102 | 116 | 67 | 57 | 29 | 17 | 20 | 25 | 47 | 55 | 80 | 728 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Local Respiratory..... | Native White. | Male..... | 10 | 7 | 10 | 3 | 2 | 1 | .... | .... | 2 | 6 | 7 | 3 | 51 |
| | | Female ... | 5 | 4 | 6 | 1 | 2 | 1 | 1 | 3 | .... | 4 | 6 | 6 | 39 |
| | Foreign White | Male..... | 2 | 4 | 4 | .... | 1 | 3 | 1 | 2 | 3 | 2 | .... | 4 | 26 |
| | | Female ... | 7 | 6 | 3 | .... | 2 | 1 | 1 | ... | ... | 3 | 2 | 3 | 28 |
| | Colored ..... | Male..... | 1 | 3 | 2 | 1 | 2 | 1 | 4 | 1 | 1 | .... | .... | 3 | 19 |
| | | Female ... | 4 | 4 | 2 | 5 | .... | .... | 8 | .... | 1 | 2 | 2 | 2 | 25 |
| | | Total... | 29 | 28 | 27 | 10 | 9 | 7 | 10 | 6 | 7 | 18 | 17 | 21 | 189 |
| *Total Local Digestive*.. | Native White. | Male..... | 14 | 12 | 11 | 13 | 10 | 17 | 23 | 27 | 25 | 14 | 16 | 14 | 196 |
| | | Female ... | 12 | 13 | 11 | 10 | 9 | 18 | 21 | 25 | 24 | 14 | 8 | 13 | 178 |
| | Foreign White | Male..... | 3 | 7 | 4 | 7 | 5 | 7 | 9 | 9 | 10 | 6 | 5 | 5 | 77 |
| | | Female ... | 1 | 3 | 7 | 2 | 5 | 9 | 2 | 5 | 4 | 6 | 8 | 3 | 55 |
| | Colored ..... | Male..... | 8 | 4 | 4 | 5 | 7 | 6 | 3 | 9 | 7 | 6 | 4 | 2 | 65 |
| | | Female ... | 5 | 1 | 5 | 8 | 3 | 4 | 13 | 6 | 4 | 5 | 10 | 3 | 67 |
| | | Total... | 43 | 40 | 43 | 45 | 39 | 61 | 71 | 81 | 74 | 51 | 51 | 40 | 639 |
| *Total Local Urinary*. | Native White. | Male.s ... | 9 | 9 | 12 | 12 | 5 | 9 | 10 | 4 | 5 | 3 | 7 | 7 | 92 |
| | | Female ... | 11 | 10 | 6 | 8 | 6 | 4 | 6 | 6 | 5 | 4 | 4 | 4 | 74 |
| | Foreign White | Male..... | 5 | 3 | 11 | 7 | 5 | 7 | 3 | 7 | 2 | 5 | 4 | 3 | 62 |
| | | Female ... | 3 | 2 | 2 | 1 | 1 | 2 | 5 | .... | 1 | 4 | 3 | 3 | 27 |
| | Colored ..... | Male..... | 2 | 4 | 1 | 7 | 3 | 4 | .... | 4 | 2 | 4 | 1 | 3 | 35 |
| | | Female ... | 3 | 1 | 2 | 1 | 2 | 5 | 3 | .... | 3 | .... | 2 | 5 | 27 |
| | | Total... | 34 | 29 | 34 | 36 | 22 | 31 | 28 | 21 | 18 | 20 | 21 | 26 | 320 |

## TABLE X—Continued.

| Cause. | Race. | Sex. | Month. | | | | | | | | | | | | The Year. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | |
| Bright's Disease..... | Native White. | Male ..... | 6 | 5 | 5 | 9 | 4 | 5 | 6 | 2 | 5 | 1 | 4 | 5 | 57 |
| | | Female ... | 7 | 3 | 2 | 6 | 4 | 3 | 1 | 2 | 5 | 2 | 3 | 2 | 40 |
| | Foreign White | Male ..... | 3 | 3 | 3 | 4 | 1 | 2 | 2 | 4 | 1 | 1 | 3 | 2 | 29 |
| | | Female... | 3 | 2 | 2 | .... | 1 | 1 | 3 | .... | .... | 2 | 2 | .... | 16 |
| | Colored ..... | Male ..... | .... | 2 | .... | 3 | 3 | 3 | .... | .... | .... | 2 | .... | 2 | 15 |
| | | Female... | 2 | 1 | 1 | .... | 1 | 2 | 2 | .... | 2 | .... | .... | 1 | 12 |
| | | Total... | 22 | 16 | 13 | 22 | 14 | 16 | 15 | 8 | 13 | 8 | 12 | 12 | 171 |
| Other Local Urinary..... | Native White. | Male ..... | 3 | 4 | 7 | 3 | 1 | 4 | 4 | 2 | .... | 2 | 3 | 2 | 35 |
| | | Female... | 4 | 7 | 4 | 2 | 2 | 1 | 5 | 4 | .... | 2 | 1 | 2 | 34 |
| | Foreign White | Male .... | 2 | .... | 8 | 3 | 4 | 5 | 1 | 3 | 1 | 4 | 1 | 1 | 33 |
| | | Female... | .... | .... | .... | 1 | .... | 1 | 2 | .... | 1 | 2 | 1 | 3 | 11 |
| | Colored ..... | Male ..... | 2 | 2 | 1 | 4 | .... | 1 | .... | 4 | 2 | 2 | 1 | 1 | 20 |
| | | Female... | 1 | .... | 1 | 1 | 1 | 3 | 1 | .... | 1 | .... | 2 | 4 | 15 |
| | | Total... | 12 | 13 | 21 | 14 | 8 | 15 | 13 | 13 | 5 | 12 | 9 | 14 | 149 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Local Generative* | Native White. | Male | | | | | | | | | | | | | |
| | | Female | | | 1 | | | | | 3 | | 4 | | 2 | 10 |
| | Foreign White | Male | | | | | | | | | | | | | |
| | | Female | 2 | | 1 | | | | | | | | | | 3 |
| | Colored | Male | | | | | | | | | | | | | |
| | | Female | 1 | 1 | | | | | | | | | | | 2 |
| | | Total | 3 | 1 | 2 | | | | | 3 | | 4 | | 2 | 15 |
| *Total Local Locomotory and Osseous* | Native White. | Male | | 1 | | 1 | 1 | 1 | | 1 | | 1 | 1 | | 7 |
| | | Female | 1 | | | | | 3 | | | 1 | | | | 5 |
| | Foreign White | Male | | | | | 1 | | 1 | | | 1 | 1 | | 4 |
| | | Female | 1 | | | | 1 | | | 1 | | | | | 3 |
| | Colored | Male | 2 | 2 | | | | | | | | | | | 4 |
| | | Female | | | 2 | | | | | | 1 | | | | 3 |
| | | Total | 4 | 3 | 2 | 1 | 3 | 4 | 1 | 2 | 2 | 2 | 2 | | 26 |
| *Total Local Integumentary* | Native White. | Male | 1 | | 2 | 2 | 1 | | | 4 | | | 1 | 1 | 12 |
| | | Female | | 1 | 2 | | | 1 | | 2 | 1 | 1 | 1 | 2 | 11 |
| | Foreign White | Male | | 1 | | 1 | | | | | 1 | | 1 | 1 | 5 |
| | | Female | | 1 | 1 | | | 1 | | 2 | | 2 | | 1 | 8 |
| | Colored | Male | | | | | | | | | | | | | |
| | | Female | | | 1 | | | | 1 | | 2 | | 1 | | 5 |
| | | Total | 1 | 3 | 6 | 3 | 1 | 2 | 1 | 8 | 4 | 3 | 4 | 5 | 41 |

## TABLE X—Continued.

| Cause. | Race. | Sex. | Month. | | | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | |
| *Total Developmental—Children* | Native White. | Male | 7 | 4 | 7 | 8 | 11 | 11 | 14 | 11 | 7 | 8 | 9 | 14 | 111 |
| | | Female | 5 | 9 | 8 | 4 | 7 | 13 | 13 | 6 | 7 | 7 | 6 | 11 | 96 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Colored | Male | 3 | 1 | 3 | .... | 2 | 3 | 3 | 2 | 4 | 3 | 4 | 4 | 32 |
| | | Female | .... | 2 | 1 | 4 | 3 | 3 | 2 | 4 | 1 | 4 | .... | 1 | 25 |
| | | Total | 15 | 16 | 19 | 16 | 23 | 30 | 32 | 23 | 19 | 22 | 19 | 30 | 264 |
| Premature Birth | Native White. | Male | 5 | 4 | 3 | 7 | 6 | 9 | 10 | 8 | 4 | 7 | 9 | 7 | 79 |
| | | Female | 1 | 3 | 6 | 3 | 6 | 8 | 10 | 5 | 3 | 3 | 5 | 7 | 60 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Colored | Male | 1 | .... | 1 | .... | 2 | 3 | 2 | 1 | 4 | 3 | 4 | 3 | 24 |
| | | Female | ... | 2 | 1 | 4 | 3 | 3 | 1 | 4 | 1 | 4 | .... | .... | 23 |
| | | Total | 7 | 9 | 11 | 14 | 17 | 23 | 23 | 18 | 12 | 17 | 18 | 17 | 186 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Developmental—Children. | Native White. | Male | 2 | .... | 4 | 1 | 5 | 2 | 4 | 3 | 3 | 1 | .... | 7 | 32 |
| | | Female | 4 | 6 | 2 | 1 | 1 | 5 | 3 | 1 | 4 | 4 | 1 | 4 | 36 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Colored | Male | 2 | 1 | 2 | .... | .... | .... | 1 | 1 | .... | .... | .... | 1 | 8 |
| | | Female | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 | 2 |
| | | Total | 8 | 7 | 8 | 2 | 6 | 7 | 9 | 5 | 7 | 5 | 1 | 13 | 78 |
| *Total Developmental—Women* | Native White. | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | 4 | 8 | 3 | 3 | 7 | 5 | 4 | .... | 2 | 2 | 1 | 2 | 41 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 4 | .... | 2 | 1 | 1 | 18 |
| | Colored | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | 4 | 1 | 3 | 3 | .... | .... | 2 | 6 | 1 | 2 | 2 | 2 | 26 |
| | | Total | 10 | 10 | 8 | 7 | 8 | 6 | 8 | 10 | 3 | 6 | 4 | 5 | 85 |
| *Total Developmental—Age* | Native White. | Male | 2 | 2 | 4 | 1 | 1 | 3 | 2 | 4 | 2 | 2 | 3 | 2 | 28 |
| | | Female | 8 | 8 | .... | 8 | 3 | 4 | 5 | 8 | .... | 7 | 4 | 6 | 61 |
| | Foreign White | Male | 10 | 2 | 5 | 4 | 4 | 4 | 2 | 2 | 4 | 4 | 3 | 4 | 48 |
| | | Female | 7 | 5 | 6 | 4 | 7 | 8 | 3 | 5 | 8 | 1 | 3 | 3 | 60 |
| | Colored | Male | .... | 1 | 2 | 2 | 1 | 1 | 1 | .... | 3 | 1 | 1 | 1 | 14 |
| | | Female | 6 | .... | 8 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | .... | .... | 25 |
| | | Total | 33 | 18 | 25 | 21 | 17 | 22 | 14 | 21 | 18 | 17 | 14 | 16 | 236 |

## TABLE X—Concluded.

| Cause. | Race. | Sex. | Month. | | | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | |
| Old Age | Native White. | Male | 2 | 2 | 3 | 1 | 1 | 3 | 2 | 4 | 2 | 2 | 3 | 2 | 27 |
| | | Female | 8 | 8 | .... | 8 | 3 | 4 | 5 | 8 | .... | 7 | 4 | 6 | 61 |
| | Foreign White | Male | 10 | 2 | 4 | 2 | 4 | 4 | 2 | 2 | 4 | 4 | 3 | 4 | 45 |
| | | Female | 7 | 5 | 6 | 3 | 7 | 8 | 3 | 5 | 8 | 1 | 3 | 3 | 59 |
| | Colored | Male | .... | 1 | 2 | 2 | 1 | 1 | 1 | .... | 3 | 1 | 1 | 1 | 14 |
| | | Female | 6 | .... | 8 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | .... | .... | 25 |
| | | Total | 33 | 18 | 23 | 18 | 17 | 22 | 14 | 21 | 18 | 17 | 14 | 16 | 231 |
| Other Developmental—Age | Native White. | Male | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | Foreign White | Male | .... | .... | 1 | 2 | .... | .... | .... | .... | .... | .... | .... | .... | 3 |
| | | Female | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | Colored | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Total | .... | .... | 2 | 3 | .... | .... | .... | .... | .... | .... | .... | .... | 5 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Total Developmental—Nutrition* | Native White | Male | 1 | 2 | 1 | .... | 2 | 1 | 4 | 3 | 2 | 4 | 3 | 2 | 25 |
| | | Female | 3 | .... | 3 | .... | 2 | 3 | 4 | 2 | 2 | ... | 1 | 1 | 21 |
| | Foreign White | Male | 1 | .... | 2 | .... | 1 | .... | 1 | 1 | .... | 1 | 2 | 2 | 11 |
| | | Female | 1 | 3 | 1 | .... | 3 | 1 | .... | 1 | .... | .... | 1 | 1 | 12 |
| | Colored | Male | 1 | 1 | 4 | .... | .... | .... | 3 | 2 | 4 | 2 | .... | .... | 17 |
| | | Female | 1 | .... | 2 | 1 | .... | .... | 2 | .... | .... | 1 | 1 | 1 | 9 |
| | | Total | 8 | 6 | 13 | 1 | 8 | 5 | 14 | 9 | 8 | 8 | 9 | 7 | 96 |
| *Total Violence* | Native White | Male | 7 | 6 | 6 | 7 | 3 | 12 | 7 | 14 | 12 | 9 | 8 | 13 | 104 |
| | | Female | 3 | 2 | 4 | .... | 5 | 1 | 7 | 2 | 1 | 5 | 1 | 5 | 36 |
| | Foreign White | Male | 5 | 3 | 2 | 5 | 4 | 5 | 7 | 8 | 4 | 3 | 4 | 9 | 59 |
| | | Female | .... | 4 | 1 | .... | 1 | 1 | 3 | .... | .... | 2 | .... | 1 | 13 |
| | Colored | Male | 3 | .... | 5 | 1 | 1 | 5 | 4 | 9 | 3 | 3 | 4 | 6 | 44 |
| | | Female | 3 | 3 | .... | 1 | 1 | 2 | .... | .... | .... | 1 | 2 | 1 | 14 |
| | | Total | 21 | 18 | 19 | 21 | 15 | 27 | 28 | 33 | 21 | 24 | 20 | 35 | 282 |
| *Unknown* | Native White | Male | 2 | .... | .... | 1 | .... | 1 | 2 | .... | .... | .... | .... | .... | 6 |
| | | Female | .... | .... | 2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| | Foreign White | Male | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ..... |
| | | Female | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| | Colored | Male | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 2 |
| | | Female | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | 2 |
| | | Total | 4 | .... | 2 | 2 | 2 | 1 | 2 | .... | .... | .... | .... | .... | 13 |

# TABLE XI.

Showing the Actual Mortality in the City of Baltimore for the Year 1888, according to Cause, Race, Sex, and Birthplace.

| Cause. | Race. | Sex. | Baltimore. | Maryland. | Dist. of Columbia. | Virginia. | Pennsylvania. | New York. | Del. and N. J. | New England. | South Atlantic. | Southern. | Western. | Total United States. | Ireland. | Eng. and Wales. | Scotland. | Germany. | Bohemia. | Poland. | British America. | France. | Italy. | Other European. | Other Foreign. | Total Foreign. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| All Causes.. | White.. | Male ... | 2,141 | 302 | 13 | 76 | 45 | 28 | 18 | 22 | 14 | 11 | 8 | 2,680 | 188 | 34 | 14 | 524 | 11 | 8 | 5 | 4 | 6 | 37 | 2 | 833 | 3,538 |
| | | Female . | 1,951 | 366 | 15 | 75 | 68 | 12 | 16 | 12 | 12 | 12 | 7 | 2,549 | 232 | 34 | 7 | 441 | 11 | 4 | 4 | 3 | 1 | 18 | 2 | 758 | 3,315 |
| | Colored. | Male.... | 697 | 225 | 5 | 64 | 3 | .. | .. | 1 | 7 | 5 | 2 | 1,009 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | 3 | 3 | 1,037 |
| | | Female . | 722 | 274 | 3 | 67 | 2 | 1 | 2 | .. | 4 | 7 | 2 | 1,084 | ... | .. | .. | ... | .. | .. | 1 | .. | .. | .. | 1 | 2 | 1,096 |
| | | Total . | 5,511 | 1,167 | 36 | 282 | 118 | 41 | 36 | 35 | 37 | 35 | 19 | 7,322 | 420 | 68 | 21 | 965 | 22 | 12 | 10 | 7 | 7 | 55 | 8 | 1,596 | 8,986 |
| *Total Zymotic Miasmatic*..... | White .. | Male ... | 582 | 57 | 2 | 7 | 3 | 2 | 2 | 3 | 4 | 2 | 2 | 666 | 20 | 3 | .. | 43 | 3 | 2 | 1 | .. | .. | 3 | .. | 75 | 742 |
| | | Female . | 580 | 65 | 1 | 7 | 8 | 1 | 2 | .. | 1 | 3 | .. | 669 | 24 | 7 | .. | 53 | 6 | 1 | 1 | .. | .. | 3 | .. | 95 | 766 |
| | Colored. | Male.... | 164 | 16 | .. | 9 | 1 | .. | .. | .. | .. | 1 | .. | 191 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 191 |
| | | Female . | 167 | 24 | .. | 5 | ... | .. | 1 | .. | .. | .. | 1 | 198 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | 1 | 1 | 201 |
| | | Total . | 1,493 | 162 | 3 | 28 | 12 | 3 | 5 | 3 | 5 | 6 | 3 | 1,724 | 44 | 10 | .. | 96 | 9 | 3 | 2 | .. | . | 6 | 1 | 171 | 1,900 |
| Cholera Infantum..... | White.. | Male.... | 224 | 7 | 2 | 1 | 1 | 2 | 1 | .. | .. | .. | .. | 238 | ... | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | 5 | 243 |
| | | Female . | 224 | 17 | 1 | ... | . | 1 | .. | .. | .. | 1 | .. | 244 | ... | .. | .. | 4 | 1 | .. | .. | .. | .. | .. | .. | 5 | 249 |
| | Colored. | Male.... | 61 | 4 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 65 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 65 |
| | | Female . | 74 | 2 | .. | ... | ... | .. | 1 | .. | .. | .. | 1 | 78 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 78 |
| | | Total... | 583 | 30 | 3 | 1 | 1 | 3 | 2 | ... | ... | 1 | 1 | 625 | ... | .. | .. | 9 | 1 | .. | .. | .. | .. | .. | .. | 10 | 635 |

*NOTE.*—There died during the year 1888 in the City of Baltimore, 25 white males, 8 white females, 25 colored males and 10 colored females, whose birthplace was unknown. Again, in the case of 2 white males and 3 white females, the birthplace was simply reported as "United States," and in the case of 1 white female, simply as "Foreign." These persons are included under the proper heads in the column for totals. In the above table 2 Chinamen are included under the head of Colored Males.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Croup | White | Male | 18 | 2 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 20 | ... | .. | .. | ... | .. | .. | .. | .. | .. | ..... | 20 |
| | | Female | 12 | ..... | .. | ... | ... | .. | .. | .. | .. | .. | .. | 12 | ... | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 13 |
| | Colored | Male | 3 | ..... | .. | ... | ... | .. | .. | .. | .. | .. | .. | 3 | ... | .. | .. | ... | .. | .. | .. | .. | .. | ..... | 3 |
| | | Female | 2 | ..... | .. | ... | ... | .. | .. | .. | .. | .. | .. | 2 | ... | .. | .. | ... | .. | .. | .. | .. | .. | ..... | 2 |
| | | Total | 35 | 2 | .. | . | ... | .. | .. | .. | .. | .. | .. | 37 | ... | .. | .. | 1 | . | .. | .. | .. | .. | 1 | 38 |
| Diarrhœa | White | Male | 29 | 3 | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. | 35 | 5 | .. | .. | 2 | .. | .. | .. | .. | .. | 7 | 42 |
| | | Female | 30 | 5 | .. | ... | 1 | .. | .. | .. | .. | .. | .. | 37 | 2 | 1 | .. | 5 | .. | .. | .. | .. | 1 | .. | 9 | 46 |
| | Colored | Male | 13 | 3 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 16 | ... | .. | .. | ... | .. | .. | .. | .. | .. | ..... | 16 |
| | | Female | 16 | 4 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 20 | ... | .. | .. | ... | .. | .. | .. | .. | .. | ..... | 21 |
| | | Total | 88 | 15 | .. | 1 | 2 | .. | .. | 1 | .. | .. | .. | 108 | 7 | 1 | .. | 7 | .. | .. | .. | .. | 1 | .. | 16 | 125 |
| Diphtheria | White | Male | 68 | 11 | .. | 1 | ... | .. | .. | .. | .. | .. | 1 | 81 | ... | .. | .. | 2 | .. | .. | .. | .. | .. | 2 | 83 |
| | | Female | 72 | 9 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 83 | ... | .. | .. | 2 | .. | .. | .. | .. | .. | 2 | 85 |
| | Colored | Male | 7 | ..... | .. | 1 | ... | .. | .. | .. | .. | .. | .. | 8 | ... | .. | .. | ... | .. | .. | .. | .. | .. | ..... | 8 |
| | | Female | 6 | ..... | .. | ... | ... | .. | .. | .. | .. | .. | .. | 6 | ... | .. | .. | ... | .. | .. | .. | .. | .. | ..... | 6 |
| | | Total | 153 | 20 | .. | 3 | 1 | . | .. | .. | .. | .. | 1 | 178 | ... | .. | .. | 4 | . | .. | .. | .. | .. | 4 | 182 |
| Typhoid Fever | White | Male | 34 | 12 | .. | 1 | 1 | .. | 1 | .. | 2 | 1 | 1 | 53 | 8 | 1 | .. | 8 | 2 | 1 | 1 | .. | .. | 1 | .. | 22 | 75 |
| | | Female | 24 | 13 | .. | 3 | 3 | .. | 1 | .. | 1 | 2 | .. | 47 | 6 | 4 | .. | 6 | 2 | .. | 1 | .. | .. | 1 | .. | 20 | 68 |
| | Colored | Male | 9 | 4 | .. | 3 | 1 | .. | .. | .. | .. | .. | .. | 17 | ... | .. | .. | ... | .. | .. | .. | .. | .. | ..... | 17 |
| | | Female | 4 | 3 | .. | 2 | ... | .. | .. | .. | .. | .. | .. | 9 | ... | .. | .. | ... | .. | .. | .. | .. | 1 | 1 | 10 |
| | | Total | 71 | 32 | .. | 9 | 5 | .. | 2 | .. | 3 | 3 | 1 | 126 | 14 | 5 | .. | 14 | 4 | 1 | 2 | .. | .. | 2 | 1 | 43 | 170 |

## TABLE XI—Continued.

| Cause. | Race. | Sex. | Baltimore. | Maryland. | Dist. of Columbia. | Virginia. | Pennsylvania. | New York. | Del. and N. J. | New England. | South Atlantic. | Southern. | Western. | Total United States. | Ireland. | Eng. and Wales. | Scotland. | Germany. | Bohemia. | Poland. | British America | France. | Italy. | Other European. | Other Foreign. | Total Foreign. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Zymotic Miasmatic... | White.. | Male.... | 209 | 22 | .. | 3 | ... | .. | .. | 2 | 2 | 1 | .. | 239 | 7 | 2 | .. | 26 | 1 | 1 | .. | .. | .. | 2 | .. | 39 | 279 |
| | | Female . | 218 | 21 | .. | 3 | 3 | .. | 1 | .. | .. | .. | .. | 246 | 16 | 2 | .. | 35 | 3 | 1 | .. | .. | .. | 1 | .. | 58 | 305 |
| | Colored. | Male.... | 71 | 5 | .. | 5 | ... | .. | .. | .. | .. | 1 | .. | 82 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 82 |
| | | Female.. | 65 | 15 | .. | 3 | ... | .. | .. | .. | .. | .. | .. | 83 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 84 |
| | | Total. | 563 | 63 | .. | 14 | 3 | .. | 1 | 2 | 2 | 2 | .. | 650 | 23 | 4 | .. | 61 | 4 | 2 | .. | .. | .. | 3 | .. | 97 | 750 |
| *Total Zymotic Enthetic* ..... | White.. | Male.... | 6 | ..... | .. | ... | ... | .. | .. | .. | .. | .. | .. | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 6 |
| | | Female . | 4 | ..... | .. | ... | ... | 1 | .. | .. | .. | .. | .. | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 5 |
| | Colored. | Male ... | 2 | 2 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 4 |
| | | Female . | 4 | 1 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 5 |
| | | Total. | 16 | 3 | .. | ... | ... | 1 | .. | .. | .. | .. | .. | 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 20 |
| *Total Zymotic Dietic* ..... | White.. | Male.... | 78 | 4 | 1 | 1 | 2 | 1 | 1 | .. | .. | .. | .. | 88 | 3 | 1 | 1 | 8 | .. | .. | .. | . | .. | 1 | .. | 14 | 103 |
| | | Female . | 64 | ..... | .. | ... | ... | .. | .. | .. | .. | .. | .. | 64 | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 2 | 66 |
| | Colored. | Male.... | 40 | 3 | .. | 1 | ... | .. | .. | .. | .. | .. | .. | 44 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 44 |
| | | Female . | 37 | ..... | .. | ... | ... | .. | .. | .. | .. | .. | .. | 37 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 37 |
| | | Total. | 219 | 7 | 1 | 2 | 2 | 1 | 1 | .. | .. | .. | .. | 233 | 4 | 1 | 1 | 9 | .. | .. | .. | .. | .. | 1 | .. | 16 | 250 |

| | | |

## TABLE XI—Continued.

| Cause. | Race. | Sex. | Baltimore. | Maryland. | Dist. of Columbia. | Virginia. | Pennsylvania. | New York. | Del. and N. J. | New England. | South Atlantic. | Southern. | Western. | Total United States. | Ireland. | Eng. and Wales. | Scotland. | Germany. | Bohemia. | Poland. | British America. | France. | Italy. | Other European. | Other Foreign. | Total Foreign. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cancer..... | White.. | Male.... | 9 | 12 | .. | 2 | 3 | 1 | .. | .. | .. | .. | .. | 27 | 8 | .. | 1 | 24 | 1 | .. | .. | .. | 1 | 3 | .. | 38 | 67 |
| | | Female . | 41 | 18 | 2 | 9 | 5 | .. | 1 | 1 | .. | 1 | .. | 78 | 15 | 1 | .. | 43 | .. | 1 | .. | .. | .. | .. | 1 | 61 | 139 |
| | Colored. | Male.... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3 |
| | | Female . | 4 | 11 | .. | 1 | ..... | ..... | ..... | ..... | .. | 1 | .. | 17 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 18 |
| | | Total. | 56 | 41 | 2 | 12 | 8 | 1 | 1 | 2 | .. | 2 | .. | 125 | 23 | 1 | 1 | 67 | 1 | 1 | .. | .. | 1 | 3 | 1 | 99 | 227 |
| Other Constitutional Diathetic..... | White.. | Ma'e.... | 8 | 4 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 14 | 1 | .. | .. | 3 | .. | .. | .. | .. | .. | 1 | .. | 5 | 19 |
| | | Female . | 8 | 6 | .. | ... | 1 | .. | .. | .. | .. | 1 | .. | 16 | 6 | .. | .. | 6 | .. | .. | .. | .. | .. | 1 | .. | 13 | 29 |
| | Colored. | Male.... | 3 | 3 | .. | 1 | ... | .. | . | .. | .. | .. | .. | 7 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 7 |
| | | Female . | 5 | 3 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 8 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 9 |
| | | Total. | 24 | 16 | .. | 2 | 2 | .. | .. | .. | . | 1 | .. | 45 | 7 | .. | .. | 9 | .. | .. | .. | .. | .. | 2 | .. | 18 | 64 |
| *Total Constitutional Tubercular*..... | White.. | Male.... | 363 | 52 | 5 | 9 | 7 | 4 | 1 | 3 | 3 | 3 | 1 | 451 | 28 | 6 | 2 | 73 | 3 | .. | 3 | 1 | .. | 8 | .. | 124 | 576 |
| | | Female . | 339 | 69 | 2 | 18 | 11 | 1 | 2 | 4 | 5 | 1 | 3 | 456 | 31 | 3 | .. | 64 | 2 | .. | 1 | .. | .. | 2 | .. | 103 | 560 |
| | Colored. | Male.... | 131 | 65 | 1 | 16 | ... | .. | .. | .. | 2 | 3 | .. | 218 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | 2 | 2 | 227 |
| | | Female . | 134 | 71 | 1 | 25 | 1 | 1 | .. | .. | 1 | 1 | .. | 235 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 237 |
| | | Total. | 967 | 257 | 9 | 68 | 19 | 6 | 3 | 7 | 11 | 8 | 4 | 1,360 | 59 | 9 | 2 | 137 | 5 | .. | 4 | 1 | .. | 10 | 2 | 229 | 1,600 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Consumption.. | White.. | Male.... | 211 | 41 | 4 | 9 | 7 | 4 | 1 | 3 | 2 | 3 | 1 | 286 | 28 | 6 | 2 | 66 | 3 | .. | 2 | 1 | .. | 8 | .. | 116 | 403 |
| | | Female . | 201 | 63 | 2 | 17 | 10 | .. | 2 | 4 | 4 | 1 | 3 | 308 | 31 | 3 | .. | 60 | 2 | .. | 1 | .. | .. | 1 | .. | 98 | 407 |
| | Colored. | Male.... | 81 | 61 | 1 | 15 | ... | .. | .. | .. | 1 | 3 | .. | 162 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | 2 | 2 | 171 |
| | | Female . | 85 | 68 | 1 | 24 | 1 | 1 | .. | .. | 1 | 1 | .. | 182 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 184 |
| | | Total. | 578 | 233 | 8 | 65 | 18 | 5 | 3 | 7 | 8 | 8 | 4 | 938 | 59 | 9 | 2 | 126 | 5 | .. | 3 | 1 | .. | 9 | 2 | 216 | 1,165 |
| Marasmus .... | White.. | Male.... | 102 | 7 | .. | ... | ... | .. | .. | .. | 1 | .. | .. | 110 | ... | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | 4 | 114 |
| | | Female . | 93 | 3 | .. | ... | .1 | 1 | .. | .. | 1 | .. | .. | 99 | ... | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | 4 | 103 |
| | Colored. | Male.... | 32 | 1 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 33 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 33 |
| | | Female . | 36 | 2 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 38 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 38 |
| | | Total | 263 | 13 | .. | ... | .1 | 1 | .. | .. | 2 | .. | .. | 280 | ... | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | 8 | 288 |
| Other Constitutional Tubercular .... | White.. | Male.... | 50 | 4 | 1 | ... | ... | .. | .. | .. | .. | .. | .. | 55 | ... | .. | .. | 3 | .. | .. | 1 | .. | .. | .. | .. | 4 | 59 |
| | | Female . | 45 | 3 | .. | 1 | ... | .. | .. | .. | .. | .. | .. | 49 | ... | .. | .. | ... | .. | .. | .. | .. | 1 | .. | .. | 1 | 50 |
| | Colored. | Male.... | 18 | 3 | .. | 1 | ... | .. | .. | .. | 1 | .. | .. | 23 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 23 |
| | | Female . | 13 | 1 | .. | 1 | ... | .. | .. | .. | .. | .. | .. | 15 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 15 |
| | | Total. | 126 | 11 | 1 | 3 | ... | .. | .. | .. | 1 | .. | .. | 142 | ... | .. | .. | 3 | .. | .. | 1 | .. | 1 | .. | .. | 5 | 147 |
| *Total Local Nervous* ..... | White.. | Male.... | 326 | 43 | 1 | 10 | 11 | 9 | 5 | 1 | .. | 1 | 1 | 408 | 25 | 6 | 2 | 71 | 1 | 1 | .. | .. | 1 | 3 | .. | 110 | 518 |
| | | Female . | 269 | 44 | 1 | 5 | 11 | 3 | 2 | 2 | 1 | 1 | .. | 339 | 26 | 7 | 2 | 55 | .. | .. | 1 | .. | 1 | 1 | 1 | 95 | 436 |
| | Colored. | Male.... | 83 | 25 | .. | 9 | ... | .. | .. | .. | 1 | . | .. | 118 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 118 |
| | | Female . | 77 | 39 | .. | 8 | ... | .. | 1 | .. | .. | 3 | .. | 128 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 129 |
| | | Total | 755 | 151 | 2 | 32 | 22 | 12 | 8 | 3 | 2 | 5 | 1 | 993 | 51 | 13 | 4 | 126 | 1 | 1 | 1 | .. | 2 | 4 | 1 | 205 | 1,201 |

## TABLE XI—Continued.

| Cause. | Race. | Sex. | Baltimore. | Maryland. | Dist. of Columbia. | Virginia. | Pennsylvania. | New York. | Del. and N. J. | New England. | South Atlantic. | Southern. | Western. | Total United States. | Ireland. | Eng. and Wales. | Scotland. | Germany. | Bohemia. | Poland. | British America. | France. | Italy. | Other European. | Other Foreign. | Total Foreign. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Apoplexy | White | Male | 29 | 17 | .. | 3 | 3 | 1 | 1 | .. | .. | .. | .. | 54 | 6 | 4 | .. | 23 | 1 | .. | .. | .. | .. | .. | .. | 34 | 88 |
| | | Female | 19 | 10 | 1 | 1 | 3 | 1 | .. | 1 | .. | .. | .. | 36 | 8 | 1 | 2 | 27 | .. | .. | .. | .. | .. | .. | .. | 38 | 75 |
| | Colored | Male | 1 | 5 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 9 |
| | | Female | 3 | 11 | .. | 5 | .. | .. | 1 | .. | .. | 1 | .. | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 21 |
| | | Total | 52 | 43 | 1 | 12 | 6 | 2 | 2 | 1 | .. | 1 | .. | 120 | 14 | 5 | 2 | 50 | 1 | .. | .. | .. | .. | .. | .. | 72 | 193 |
| Convulsions | White | Male | 100 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 102 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 103 |
| | | Female | 82 | ..... | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 83 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 84 |
| | Colored | Male | 51 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 52 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 52 |
| | | Female | 40 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 41 |
| | | Total | 273 | 4 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 278 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 2 | 280 |
| Meningitis | White | Male | 81 | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 83 | 2 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 4 | 87 |
| | | Female | 72 | 5 | .. | .. | 2 | .. | 1 | .. | .. | .. | .. | 80 | .. | .. | .. | 2 | .. | .. | .. | .. | .. | 1 | .. | 3 | 83 |
| | Colored | Male | 17 | 2 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 22 |
| | | Female | 11 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 13 |
| | | Total | 181 | 9 | .. | 4 | 2 | 1 | 1 | .. | .. | .. | .. | 198 | 2 | .. | .. | 4 | .. | .. | .. | .. | .. | 1 | .. | 7 | 205 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Paralysis..... | White.. | Male.... | 11 | 9 | .. | 3 | 4 | 2 | 1 | .. | .. | .. | 1 | 31 | 8 | .. | 1 | 18 | .. | 1 | .. | .. | .. | .. | .. | 28 | 5 |
| | | Female . | 19 | 18 | .. | 2 | 5 | 1 | 1 | 1 | .. | 1 | .. | 48 | 12 | 5 | . | 15 | . | .. | 1 | .. | .. | .. | .. | 33 | 81 |
| | Colored. | Male ... | 1 | 10 | .. | 2 | ... | ... | ... | ... | ... | ... | ... | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | | 13 |
| | | Female . | 6 | 14 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 22 |
| | | Total. | 37 | 51 | .. | 8 | 9 | 3 | 2 | 1 | .. | 2 | 1 | 114 | 20 | 5 | 1 | 33 | .. | 1 | 1 | .. | . | ... | .. | 61 | 175 |
| Other Local Nervous.... | White.. | Male.... | 105 | 14 | 1 | 4 | 4 | 5 | 3 | 1 | .. | 1 | .. | 138 | 9 | 2 | 1 | 28 | . | ... | ... | ... | 1 | 2 | .. | 43 | 181 |
| | | Female . | 77 | 11 | .. | 2 | 1 | .. | .. | .. | 1 | .. | .. | 92 | 6 | 1 | .. | 11 | . | ... | ... | ... | ... | ... | 1 | 20 | 113 |
| | Colored. | Male.... | 13 | 7 | .. | 1 | ... | .. | .. | .. | 1 | .. | .. | 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 22 |
| | | Female . | 17 | 12 | .. | 1 | ... | .. | . | ... | .. | 1 | .. | 31 | . . | . | ... | ... | . | ... | ... | ... | ... | ... | ... | ... .. | 32 |
| | | Total. | 212 | 44 | 1 | 8 | 5 | 5 | 3 | 1 | 2 | 2 | .. | 283 | 15 | 3 | 1 | 39 | .. | ... | ... | ... | 1 | 2 | 1 | 63 | 348 |
| *Total Local Circulatory*.... | White.. | Male.... | 61 | 25 | .. | 11 | 4 | 3 | 2 | 4 | 2 | .. | 1 | 113 | 19 | 1 | 2 | 60 | .. | 2 | ... | ... | .. | 4 | .. | 88 | 202 |
| | | Female . | 70 | 28 | 2 | 4 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 115 | 30 | 4 | 2 | 49 | 1 | ... | .. | 1 | .. | 2 | .. | 89 | 205 |
| | Colored. | Male.... | 13 | 28 | 2 | 5 | 1 | .. | .. | .. | 3 | 1 | .. | 53 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 59 |
| | | Female . | 25 | 38 | .. | 6 | 1 | .. | .. | .. | 1 | 1 | .. | 72 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 74 |
| | | Total. | 169 | 119 | 4 | 26 | 11 | 4 | 3 | 5 | 7 | 3 | 2 | 353 | 49 | 5 | 4 | 109 | 1 | 2 | .. | 1 | .. | 6 | .. | 177 | 540 |
| Heart Disease... | White.. | Male.... | 60 | 25 | .. | 10 | 4 | 2 | 2 | 4 | 2 | .. | 1 | 110 | 18 | 1 | 2 | 57 | .. | 2 | ... | ... | .. | 3 | .. | 83 | 194 |
| | | Female . | 69 | 28 | 2 | 4 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 114 | 30 | 4 | 2 | 48 | 1 | ... | .. | 1 | .. | 2 | .. | 88 | 203 |
| | Colored. | Male.... | 13 | 27 | 2 | 5 | 1 | .. | .. | .. | 3 | 1 | .. | 52 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 58 |
| | | Female . | 23 | 37 | .. | 6 | ... | .. | .. | .. | 1 | 1 | .. | 68 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 70 |
| | | Total. | 165 | 117 | 4 | 25 | 10 | 3 | 3 | 5 | 7 | 3 | 2 | 344 | 48 | 5 | 4 | 105 | 1 | 2 | .. | 1 | .. | 5 | .. | 171 | 525 |

## TABLE XI—Continued.

| Cause. | Race. | Sex. | Baltimore. | Maryland. | Dist. of Columbia. | Virginia. | Pennsylvania. | New York. | Del. and N. J. | New England. | South Atlantic. | Southern. | Western. | Total United States. | Ireland. | Eng. and Wales. | Scotland. | Germany. | Bohemia. | Poland. | British America. | France. | Italy. | Other European. | Other Foreign. | Total Foreign. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Local Circulatory. | White.. | Male... | 1 | ..... | .. | 1 | ... | 1 | .. | .. | .. | .. | .. | 3 | 1 | .. | .. | 3 | .. | .. | .. | .. | .. | 1 | .. | 5 | 8 |
| | | Female. | 1 | ..... | .. | . | ... | .. | .. | .. | .. | .. | .. | 1 | ... | .. | .. | 1 | .. | . | .. | .. | .. | .. | .. | 1 | 2 |
| | Colored. | Male.... | ..... | 1 | .. | ... | .. | .. | .. | .. | .. | .. | .. | 1 | ... | .. | .. | ... | .. | .. | .. | .. | .. | . | .. | ..... | 1 |
| | | Female. | 2 | 1 | .. | ... | 1 | .. | .. | .. | . | .. | .. | 4 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 4 |
| | | Total. | 4 | 2 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. | 9 | 1 | .. | .. | 4 | .. | .. | .. | .. | .. | 1 | .. | 6 | 15 |
| *Total Local Respiratory*.... | White... | Male.... | 267 | 29 | 1 | 13 | 2 | 1 | 3 | 1 | 2 | 1 | 2 | 323 | 28 | 8 | 2 | 68 | 1 | 1 | .. | 1 | .. | 4 | .. | 113 | 440 |
| | | Female. | 191 | 48 | 4 | 6 | 11 | 3 | 3 | 1 | 1 | 2 | 1 | 271 | 36 | 2 | .. | 58 | 1 | .. | 1 | 1 | .. | 1 | . | 100 | 371 |
| | Colored. | Male.... | 129 | 24 | 2 | 10 | ... | .. | .. | .. | 1 | .. | 1 | 167 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | 1 | 1 | 171 |
| | | Female. | 151 | 21 | .. | 7 | ... | .. | .. | .. | .. | .. | .. | 179 | ... | .. | . | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 180 |
| | | Total. | 738 | 122 | 7 | 36 | 13 | 4 | 6 | 2 | 4 | 3 | 4 | 940 | 64 | 10 | 2 | 126 | 2 | 1 | 1 | 2 | .. | 5 | 1 | 214 | 1,162 |
| Bronchitis.... | White.. | Male.... | 52 | 5 | .. | 1 | ... | .. | 1 | .. | 1 | .. | 1 | 61 | 4 | 3 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 19 | 80 |
| | | Female. | 40 | 8 | 1 | ... | 4 | 2 | .. | 1 | ... | .. | 1 | 57 | 10 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 16 | 73 |
| | Colored. | Male.... | 36 | 3 | 1 | 3 | ... | .. | .. | .. | .. | .. | .. | 43 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 43 |
| | | Female. | 46 | 3 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 49 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 49 |
| | | Total. | 174 | 19 | 2 | 4 | 4 | 2 | 1 | 1 | 1 | .. | 2 | 210 | 14 | 3 | .. | 18 | .. | .. | .. | .. | .. | .. | .. | 35 | 245 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pneumonia..... | White.. | Male.... | 178 | 15 | 1 | 10 | 1 | 1 | 2 | 1 | 1 | .. | 1 | 211 | 19 | 4 | 1 | 38 | 1 | 1 | .. | 1 | .. | 3 | .. | 68 | 282 |
| | | Female . | 125 | 29 | 2 | 5 | 7 | 1 | 3 | .. | 1 | 2 | .. | 175 | 16 | 1 | .. | 37 | .. | .. | 1 | 1 | .. | .. | .. | 56 | 231 |
| | Colored | Male.... | 82 | 16 | .. | 6 | ... | ... | ... | ... | ... | ... | 1 | 105 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 109 |
| | | Female . | 93 | 8 | .. | 5 | ... | ... | ... | ... | ... | ... | ... | 106 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 106 |
| | | Total. | 478 | 68 | 3 | 26 | 8 | 2 | 5 | 1 | 2 | 2 | 2 | 597 | 35 | 5 | 1 | 75 | 1 | 1 | 1 | 2 | .. | 3 | 1 | 125 | 728 |
| Other Local Respiratory. | White.. | Male ... | 37 | 9 | . | 2 | 1 | .. | . | ... | .. | 1 | .. | 51 | 5 | 1 | 1 | 18 | .. | ... | ... | ... | ... | 1 | .. | 26 | 78 |
| | | Female . | 26 | 11 | 1 | 1 | ... | .. | ... | ... | ... | ... | ... | 39 | 10 | 1 | .. | 15 | 1 | ... | ... | ... | ... | 1 | .. | 28 | 67 |
| | Colored | Male.... | 11 | 5 | 1 | 1 | ... | ... | ... | ... | 1 | ... | ... | 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 19 |
| | | Female . | 12 | 10 | .. | 2 | ... | ... | ... | ... | ... | ... | ... | 24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ..... | 25 |
| | | Total. | 86 | 35 | 2 | 6 | 1 | .. | ... | .. | 1 | 1 | .. | 133 | 15 | 2 | 1 | 33 | 1 | ... | ... | ... | .. | 2 | .. | 54 | 189 |
| *Total Local Digestive*..... | White.. | Male.... | 155 | 23 | .. | 3 | 4 | 2 | 2 | 3 | 1 | 1 | 1 | 196 | 15 | 1 | 1 | 53 | 1 | 2 | .. | . | .. | 4 | .. | 77 | 274 |
| | | Female . | 139 | 26 | 2 | 5 | 2 | 1 | .. | .. | 1 | 1 | 1 | 178 | 21 | 4 | .. | 29 | .. | 1 | .. | .. | .. | .. | .. | 55 | 233 |
| | Colored | Male.... | 47 | 14 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | 64 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 65 |
| | | Female . | 42 | 17 | 1 | 5 | ... | .. | .. | .. | 1 | .. | 1 | 67 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 67 |
| | | Total. | 383 | 80 | 3 | 15 | 7 | 3 | 2 | 3 | 3 | 2 | 3 | 505 | 36 | 5 | 1 | 82 | 1 | 3 | .. | .. | .. | 4 | .. | 132 | 639 |
| *Total Local Urinary*..... | White.. | Male.... | 51 | 20 | 1 | 7 | 2 | 4 | .. | 5 | .. | 2 | .. | 92 | 14 | 4 | .. | 37 | 1 | . | 1 | 2 | 1 | 2 | .. | 62 | 157 |
| | | Female . | 46 | 15 | 1 | 4 | 4 | 1 | .. | 1 | 2 | .. | .. | 74 | 10 | 4 | .. | 12 | .. | 1 | .. | .. | .. | .. | .. | 27 | 101 |
| | Colored | Male.... | 12 | 17 | .. | 3 | ... | .. | .. | .. | .. | .. | 1 | 33 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 35 |
| | | Female . | 14 | 9 | .. | 2 | ... | .. | .. | .. | .. | 1 | .. | 26 | ... | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | 27 |
| | | Total. | 123 | 61 | 2 | 16 | 6 | 5 | .. | 6 | 2 | 3 | 1 | 225 | 24 | 8 | .. | 49 | 1 | 1 | 2 | 2 | 1 | 2 | .. | 90 | 320 |

## TABLE XI—Continued.

| Cause. | Race | Sex. | Baltimore. | Maryland. | Dist. of Columbia. | Virginia. | Pennsylvania. | New York. | Del. and N. J. | New England. | South Atlantic. | Southern. | Western. | Total United States. | Ireland. | Eng. and Wales. | Scotland. | Germany. | Bohemia. | Poland. | British America. | France. | Italy. | Other European. | Other Foreign. | Total Foreign. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bright's Disease..... | White.. | Male.... | 33 | 11 | .. | 4 | 2 | 2 | .. | 3 | .. | 2 | .. | 57 | 7 | .. | .. | 20 | 1 | .. | .. | .. | .. | 1 | .. | 29 | 88 |
| | | Female . | 24 | 6 | 1 | 3 | 3 | 1 | .. | .. | 2 | .. | .. | 40 | 4 | 3 | .. | 8 | .. | 1 | .. | .. | .. | .. | .. | 16 | 56 |
| | Colored. | Male.... | 4 | 9 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 15 |
| | | Female . | 6 | 5 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 12 |
| | | Total. | 67 | 31 | 1 | 9 | 5 | 3 | .. | 3 | 2 | 2 | 1 | 124 | 11 | 3 | .. | 28 | 1 | 1 | .. | .. | .. | 1 | .. | 45 | 171 |
| Other Local Urinary..... | White.. | Male.... | 18 | 9 | 1 | 3 | .. | 2 | .. | 2 | .. | .. | .. | 35 | 7 | 4 | .. | 17 | .. | .. | 1 | 2 | 1 | 1 | .. | 33 | 69 |
| | | Female . | 22 | 9 | .. | 1 | 1 | .. | .. | 1 | .. | .. | .. | 34 | 6 | 1 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | 11 | 45 |
| | Colored. | Male.... | 8 | 8 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 20 |
| | | Female . | 8 | 4 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | 14 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | 15 |
| | | Total. | 56 | 30 | 1 | 7 | 1 | 2 | .. | 3 | .. | 1 | .. | 101 | 13 | 5 | .. | 21 | .. | .. | 2 | 2 | 1 | 1 | .. | 45 | 149 |
| *Total Local Generative*..... | White.. | Male.... | ..... | ..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | ..... |
| | | Female . | 5 | 2 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | 2 | .. | .. | .. | 1 | .. | .. | .. | 3 | 13 |
| | Colored. | Male ... | ..... | ..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | ..... |
| | | Female . | ..... | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 2 |
| | | Total. | 5 | 4 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | 2 | .. | .. | .. | 1 | .. | .. | .. | 3 | 15 |

| | | |

## TABLE XI—Continued.

| CAUSE. | RACE. | SEX. | Baltimore. | Maryland. | Dist of Columbia. | Virginia. | Pennsylvania. | New York. | Del. and N. J. | New England. | South Atlantic. | Southern. | Western. | TOTAL UNITED STATES. | Ireland. | Eng. and Wales. | Scotland. | Germany. | Bohemia. | Poland. | British America. | France. | Italy. | Other European. | Other Foreign. | TOTAL FOREIGN. | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other Developmental—Children.... | White | Male.... | 32 | ..... | .. | .. | ... | .. | .. | .. | .. | .. | .. | 32 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 32 |
| | | Female . | 34 | 2 | .. | .. | ... | .. | .. | .. | .. | .. | .. | 36 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 36 |
| | Colored. | Male.... | 8 | ..... | .. | .. | ... | .. | .. | .. | .. | .. | .. | 8 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 8 |
| | | Female . | 2 | ..... | .. | .. | ... | .. | .. | .. | .. | .. | .. | 2 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 2 |
| | | Total. | 76 | 2 | .. | .. | ... | .. | .. | .. | .. | .. | .. | 78 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 78 |
| *Total Developmental—Women* | White.. | Male.... | ..... | ..... | .. | .. | ... | .. | .. | .. | .. | .. | .. | ..... | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | ..... |
| | | Female . | 28 | 7 | .. | 4 | 2 | .. | .. | .. | .. | .. | .. | 41 | 1 | 1 | 1 | 10 | 1 | .. | .. | .. | .. | 4 | .. | 18 | 59 |
| | Colored. | Male.... | ..... | ..... | .. | .. | ... | .. | .. | .. | .. | .. | .. | ..... | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | ..... |
| | | Female . | 11 | 11 | .. | 4 | ... | .. | .. | .. | .. | .. | .. | 26 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 26 |
| | | Total. | 39 | 18 | .. | 8 | 2 | .. | .. | .. | .. | .. | .. | 67 | 1 | 1 | 1 | 10 | 1 | .. | .. | .. | .. | 4 | .. | 18 | 85 |
| *Total Developmental—Age...* | White.. | Male.... | 10 | 12 | 1 | 2 | 2 | .. | .. | 1 | .. | .. | .. | 28 | 13 | 3 | 1 | 30 | .. | .. | .. | .. | 1 | .. | .. | 48 | 76 |
| | | Female . | 22 | 19 | .. | 8 | 5 | .. | 4 | 2 | .. | .. | .. | 61 | 17 | 1 | 2 | 37 | .. | .. | .. | .. | .. | 3 | .. | 60 | 121 |
| | Colored. | Male.... | 2 | 9 | .. | 2 | ... | .. | .. | .. | .. | .. | .. | 13 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 14 |
| | | Female . | 2 | 19 | .. | 3 | ... | .. | .. | .. | 1 | .. | .. | 25 | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ..... | 25 |
| | | Total. | 36 | 59 | 1 | 15 | 7 | .. | 4 | 3 | 1 | .. | .. | 127 | 30 | 4 | 3 | 67 | .. | .. | .. | .. | 1 | 3 | .. | 108 | 236 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Old Age..... | White.. | Male.... | 9 | 12 | 1 | 2 | 2 | .. | .. | 1 | .. | .. | .. | 27 | 12 | 3 | 1 | 28 | .. | .. | .. | .. | 1 | .. | .. | 45 | 72 |
| | | Female . | 22 | 19 | .. | 8 | 5 | .. | 4 | 2 | .. | .. | .. | 61 | 17 | 1 | 2 | 36 | .. | .. | .. | .. | .. | 3 | .. | 59 | 120 |
| | Colored | Male.... | 2 | 9 | .. | 2 | ... | .. | .. | .. | .. | .. | .. | 13 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 14 |
| | | Female . | 2 | 19 | .. | 3 | ... | .. | .. | .. | 1 | .. | .. | 25 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 25 |
| | | Total. | 35 | 59 | 1 | 15 | 7 | .. | 4 | 3 | 1 | .. | .. | 126 | 29 | 4 | 3 | 64 | .. | .. | .. | .. | 1 | 3 | .. | 104 | 231 |
| Other Developmental Age.. | White.. | Male.... | 1 | ..... | .. | ... | ... | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 3 | 4 |
| | | Female . | ..... | ..... | .. | .. | ... | .. | .. | .. | .. | .. | .. | ..... | ... | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| | Colored | Male.... | ..... | ..... | .. | ... | ... | .. | .. | .. | .. | .. | .. | ..... | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | ..... |
| | | Female . | ..... | ..... | .. | ... | ... | .. | .. | .. | .. | .. | .. | ..... | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | ..... |
| | | Total. | 1 | ..... | . | ... | ... | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 4 | 5 |
| *Total Developmental—Nutrition*..... | White.. | Male ... | 23 | ..... | .. | 1 | ... | .. | 1 | .. | .. | .. | .. | 25 | 3 | 1 | .. | 7 | .. | .. | .. | .. | .. | .. | .. | 11 | 36 |
| | | Female . | 14 | 5 | .. | 2 | ... | .. | .. | .. | .. | .. | .. | 21 | 6 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 12 | 34 |
| | Colored | Male.... | 13 | 3 | .. | ... | ... | .. | .. | .. | .. | .. | .. | 16 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 17 |
| | | Female . | 7 | 1 | 1 | ... | ... | .. | .. | .. | .. | .. | .. | 9 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 9 |
| | | Total | 57 | 9 | 1 | 3 | ... | .. | 1 | .. | .. | .. | .. | 71 | 9 | 1 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | 23 | 96 |
| *Violence*..... | White.... | Male.... | 72 | 16 | .. | 8 | 3 | 1 | .. | 1 | 2 | 1 | .. | 104 | 8 | .. | 2 | 42 | .. | .. | .. | .. | 2 | 4 | 1 | 59 | 174 |
| | | Female . | 25 | 6 | .. | 1 | 2 | .. | .. | .. | .. | 1 | 1 | 36 | 4 | .. | .. | 8 | .. | .. | .. | .. | .. | 1 | .. | 13 | 50 |
| | Colored | Male.... | 21 | 13 | .. | 6 | ... | .. | .. | .. | .. | .. | .. | 40 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 44 |
| | | Female . | 11 | 3 | .. | .. | ... | .. | .. | .. | .. | .. | .. | 14 | ... | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | ..... | 14 |
| | | Total. | 129 | 38 | .. | 15 | 5 | 1 | .. | 1 | 2 | 2 | 1 | 194 | 12 | .. | 2 | 50 | .. | .. | .. | .. | 2 | 5 | 1 | 72 | 282 |

TABLE XI—Concluded.

| Cause. | Race. | Sex. | Baltimore. | Maryland. | Dist of Columbia. | Virginia. | Pennsylvania. | New York. | Del. and N. J. | New England. | South Atlantic. | Southern. | Western. | Total United States. | Ireland. | Eng. and Wales. | Scotland. | Germany. | Bohemia. | Poland. | British America. | France. | Italy. | Other European. | Other Foreign. | Total Foreign. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Unknown*..... | White.... | Male.... | 5 | ..... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 6 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | 6 |
| | | Female. | 2 | ..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| | Colored | Male.... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| | | Female. | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| | | Total. | 9 | 2 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 12 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | 13 |

# TABLE XII.

Showing the Actual Mortality in the City of Baltimore, During the Year 1888, by Single Years of Age, and by Months Under One Year of Age, According to Sex, Race, and Nativity.

| Age. | Native White. | | | Foreign White. | | | White. | | | Colored. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| All Ages | 2680 | 2549 | 5,229 | 833 | 758 | 1,591 | 3538 | 3315 | 6,853 | 1037 | 1096 | 2,133 | 4,575 | 4,411 | 8,986 |
| Under 1 month | 286 | 208 | 494 | .... | .... | ..... | 286 | 208 | 494 | 112 | 83 | 195 | 398 | 291 | 689 |
| 1 month | 100 | 74 | 174 | .... | .... | ..... | 100 | 74 | 174 | 37 | 24 | 61 | 137 | 98 | 235 |
| 2 months | 78 | 79 | 157 | 1 | .... | 1 | 79 | 79 | 158 | 26 | 28 | 54 | 105 | 107 | 212 |
| 3 " | 82 | 62 | 144 | 1 | 1 | 2 | 83 | 63 | 146 | 30 | 37 | 67 | 113 | 100 | 213 |
| 4 " | 80 | 76 | 156 | 1 | 1 | 2 | 81 | 77 | 158 | 31 | 31 | 62 | 112 | 108 | 220 |
| 5 " | 52 | 53 | 105 | 1 | .... | 1 | 53 | 53 | 106 | 25 | 26 | 51 | 78 | 79 | 157 |
| 6 " | 57 | 59 | 116 | .... | .... | ..... | 57 | 59 | 116 | 20 | 29 | 49 | 77 | 88 | 165 |
| 7 " | 60 | 64 | 124 | 1 | 2 | 3 | 61 | 66 | 127 | 25 | 27 | 52 | 86 | 93 | 179 |
| 8 " | 61 | 53 | 114 | .... | 1 | 1 | 61 | 54 | 115 | 23 | 11 | 34 | 84 | 65 | 149 |
| 9 " | 51 | 52 | 103 | 1 | 3 | 4 | 52 | 55 | 107 | 13 | 17 | 30 | 65 | 72 | 137 |
| 10 " | 54 | 44 | 98 | .... | .... | ..... | 54 | 44 | 98 | 16 | 16 | 32 | 70 | 60 | 130 |
| 11 " | 41 | 41 | 82 | 1 | 1 | 2 | 42 | 42 | 84 | 14 | 19 | 33 | 56 | 61 | 117 |
| Under 1 year | 1002 | 865 | 1,867 | 7 | 9 | 16 | 1009 | 874 | 1,883 | 372 | 348 | 720 | 1,381 | 1,222 | 2,603 |
| 1 year | 249 | 226 | 475 | 7 | 7 | 14 | 256 | 233 | 489 | 106 | 100 | 206 | 362 | 333 | 695 |
| 2 years | 128 | 106 | 234 | 3 | 5 | 8 | 131 | 111 | 242 | 47 | 46 | 93 | 178 | 157 | 335 |
| 3 " | 71 | 73 | 144 | 1 | 3 | 4 | 72 | 76 | 148 | 24 | 22 | 46 | 96 | 98 | 194 |
| 4 " | 40 | 43 | 83 | 1 | 1 | 2 | 41 | 44 | 85 | 19 | 21 | 40 | 60 | 65 | 125 |
| 1 to 4 years | 488 | 448 | 936 | 12 | 16 | 28 | 500 | 464 | 964 | 196 | 189 | 385 | 696 | 653 | 1,349 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 years | 34 | 28 | 62 | 2 | 2 | 4 | 36 | 30 | 66 | 7 | 11 | 18 | 43 | 41 | 84 |
| 6 " | 23 | 17 | 40 | 1 | 1 | 2 | 24 | 18 | 42 | 11 | 14 | 25 | 35 | 32 | 67 |
| 7 " | 16 | 16 | 32 | .... | 2 | 2 | 16 | 18 | 34 | 4 | 5 | 9 | 20 | 23 | 43 |
| 8 " | 13 | 13 | 26 | 2 | 2 | 4 | 15 | 15 | 30 | 7 | 4 | 11 | 22 | 19 | 41 |
| 9 " | 7 | 9 | 16 | 2 | 1 | 3 | 9 | 10 | 19 | 6 | 6 | 12 | 15 | 16 | 31 |
| 5 to 9 years | 93 | 83 | 176 | 7 | 8 | 15 | 100 | 91 | 191 | 35 | 40 | 75 | 135 | 131 | 266 |
| 10 years | 17 | 10 | 27 | ... | 1 | 1 | 17 | 11 | 28 | 2 | 3 | 5 | 19 | 14 | 33 |
| 11 " | 10 | 3 | 13 | 2 | .... | 2 | 12 | 3 | 15 | 1 | 2 | 3 | 13 | 5 | 18 |
| 12 " | 5 | 10 | 15 | .... | 1 | 1 | 5 | 11 | 16 | 2 | 8 | 10 | 7 | 19 | 26 |
| 13 " | 5 | 8 | 13 | 2 | .... | 2 | 7 | 8 | 15 | 2 | 5 | 7 | 9 | 13 | 22 |
| 14 " | 7 | 8 | 15 | 1 | 2 | 3 | 8 | 10 | 18 | 8 | 5 | 13 | 16 | 15 | 31 |
| 10 to 14 years | 44 | 39 | 83 | 5 | 4 | 9 | 49 | 43 | 92 | 15 | 23 | 38 | 64 | 66 | 130 |
| 15 years | 5 | 8 | 13 | 1 | 1 | 2 | 6 | 9 | 15 | 3 | 6 | 9 | 9 | 15 | 24 |
| 16 " | 10 | 19 | 29 | .... | .... | ..... | 10 | 19 | 29 | 5 | 9 | 14 | 15 | 28 | 43 |
| 17 " | 16 | 13 | 29 | 1 | 2 | 3 | 17 | 15 | 32 | 6 | 6 | 12 | 23 | 21 | 44 |
| 18 " | 13 | 17 | 30 | 4 | 1 | 5 | 17 | 18 | 35 | 4 | 15 | 19 | 21 | 33 | 54 |
| 19 " | 24 | 17 | 41 | 4 | 2 | 6 | 28 | 19 | 47 | 9 | 5 | 14 | 37 | 24 | 61 |
| 15 to 19 years | 68 | 74 | 142 | 10 | 6 | 16 | 78 | 80 | 158 | 27 | 41 | 68 | 105 | 121 | 226 |
| 20 years | 32 | 20 | 52 | 5 | 4 | 9 | 37 | 24 | 61 | 6 | 6 | 12 | 43 | 30 | 73 |
| 21 " | 25 | 16 | 41 | 4 | 4 | 8 | 29 | 20 | 49 | 7 | 6 | 13 | 36 | 26 | 62 |
| 22 " | 21 | 24 | 45 | 4 | 4 | 8 | 25 | 28 | 53 | 7 | 10 | 17 | 32 | 38 | 70 |
| 23 " | 22 | 26 | 48 | 5 | 7 | 12 | 27 | 33 | 60 | 6 | 9 | 15 | 33 | 42 | 75 |
| 24 " | 17 | 21 | 38 | 3 | 9 | 12 | 20 | 30 | 50 | 10 | 11 | 21 | 30 | 41 | 71 |
| 20 to 24 years | 117 | 107 | 224 | 21 | 28 | 49 | 138 | 135 | 273 | 36 | 42 | 78 | 174 | 177 | 351 |

## TABLE XII—Continued.

| Age. | Native White. | | | Foreign White. | | | White. | | | Colored. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 25 years | 12 | 29 | 41 | 6 | .... | 6 | 19 | 29 | 48 | 6 | 7 | 13 | 25 | 36 | 61 |
| 26 " | 14 | 23 | 37 | 4 | 2 | 6 | 18 | 25 | 43 | 10 | 12 | 22 | 28 | 37 | 65 |
| 27 " | 27 | 26 | 53 | 3 | 6 | 9 | 31 | 32 | 63 | 4 | 15 | 19 | 35 | 47 | 82 |
| 28 " | 23 | 21 | 44 | 6 | 5 | 11 | 29 | 26 | 55 | 9 | 13 | 22 | 38 | 39 | 77 |
| 29 " | 23 | 25 | 48 | 7 | 4 | 11 | 30 | 29 | 59 | 5 | 10 | 15 | 35 | 39 | 74 |
| 30 " | 33 | 32 | 65 | 9 | 5 | 14 | 43 | 37 | 80 | 18 | 8 | 26 | 61 | 45 | 106 |
| 31 " | 18 | 18 | 36 | 2 | 3 | 5 | 20 | 21 | 41 | 8 | 9 | 17 | 28 | 30 | 58 |
| 32 " | 20 | 30 | 50 | 5 | 7 | 12 | 25 | 37 | 62 | 7 | 8 | 15 | 32 | 45 | 77 |
| 33 " | 21 | 20 | 41 | 6 | 5 | 11 | 27 | 25 | 52 | 1 | 5 | 6 | 28 | 30 | 58 |
| 34 " | 16 | 17 | 33 | 5 | 3 | 8 | 21 | 21 | 42 | 8 | 4 | 12 | 29 | 25 | 54 |
| 25 to 34 years | 207 | 241 | 448 | 53 | 40 | 93 | 263 | 282 | 545 | 76 | 91 | 167 | 339 | 373 | 712 |
| 35 years | 28 | 22 | 50 | 6 | 4 | 10 | 36 | 26 | 62 | 17 | 16 | 33 | 53 | 42 | 95 |
| 36 " | 17 | 13 | 30 | 7 | 4 | 11 | 25 | 17 | 42 | 6 | 6 | 12 | 31 | 23 | 54 |
| 37 " | 21 | 11 | 32 | 10 | 7 | 17 | 31 | 19 | 50 | 8 | 3 | 11 | 39 | 22 | 61 |
| 38 " | 33 | 15 | 48 | 9 | 6 | 15 | 42 | 21 | 63 | 12 | 12 | 24 | 54 | 33 | 87 |
| 39 " | 18 | 11 | 29 | 12 | 5 | 17 | 30 | 16 | 46 | 10 | 6 | 16 | 40 | 22 | 62 |
| 40 " | 15 | 21 | 36 | 18 | 13 | 31 | 37 | 34 | 71 | 21 | 21 | 42 | 58 | 55 | 113 |
| 41 " | 9 | 7 | 16 | 10 | 2 | 12 | 19 | 9 | 28 | 6 | 5 | 11 | 25 | 14 | 39 |
| 42 " | 19 | 15 | 34 | 11 | 15 | 26 | 30 | 30 | 60 | 6 | 5 | 11 | 36 | 35 | 71 |
| 43 " | 19 | 8 | 27 | 12 | 13 | 25 | 31 | 21 | 52 | 6 | 7 | 13 | 37 | 28 | 65 |
| 44 " | 10 | 22 | 32 | 8 | 6 | 14 | 18 | 28 | 46 | 9 | 2 | 11 | 27 | 30 | 57 |
| 35 to 44 years | 189 | 145 | 334 | 103 | 75 | 178 | 299 | 221 | 520 | 101 | 83 | 184 | 400 | 304 | 704 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45 years | 19 | 14 | 33 | 13 | 12 | 25 | 35 | 26 | 61 | 11 | 12 | 23 | 46 | 38 | 84 |
| 46 " | 14 | 11 | 25 | 5 | 9 | 14 | 19 | 20 | 39 | 5 | 8 | 13 | 24 | 28 | 52 |
| 47 " | 12 | 10 | 22 | 9 | 16 | 25 | 21 | 26 | 47 | 5 | 4 | 9 | 26 | 30 | 56 |
| 48 " | 13 | 12 | 25 | 14 | 8 | 22 | 27 | 20 | 47 | 8 | 6 | 14 | 35 | 26 | 61 |
| 49 " | 18 | 10 | 28 | 10 | 8 | 18 | 28 | 18 | 46 | 3 | 3 | 6 | 31 | 21 | 52 |
| 50 " | 15 | 18 | 33 | 22 | 16 | 38 | 38 | 35 | 73 | 16 | 15 | 31 | 54 | 50 | 104 |
| 51 " | 11 | 10 | 21 | 13 | 8 | 21 | 25 | 18 | 43 | 5 | 8 | 13 | 30 | 26 | 56 |
| 52 " | 18 | 14 | 32 | 19 | 14 | 33 | 37 | 28 | 65 | 11 | 8 | 19 | 48 | 36 | 84 |
| 53 " | 13 | 10 | 23 | 15 | 17 | 32 | 28 | 27 | 55 | 3 | 4 | 7 | 31 | 31 | 62 |
| 54 " | 10 | 16 | 26 | 18 | 12 | 30 | 30 | 28 | 58 | 6 | 7 | 13 | 36 | 35 | 71 |
| 45 to 54 years | 143 | 125 | 268 | 138 | 120 | 258 | 288 | 246 | 534 | 73 | 75 | 148 | 361 | 321 | 682 |
| 55 years | 11 | 11 | 22 | 17 | 17 | 34 | 28 | 28 | 56 | 7 | 2 | 9 | 35 | 30 | 65 |
| 56 " | 8 | 8 | 16 | 16 | 13 | 29 | 24 | 21 | 45 | 4 | 4 | 8 | 28 | 25 | 53 |
| 57 " | 13 | 9 | 22 | 18 | 10 | 28 | 31 | 19 | 50 | 2 | 5 | 7 | 33 | 24 | 57 |
| 58 " | 11 | 3 | 14 | 18 | 10 | 28 | 29 | 13 | 42 | 1 | 6 | 7 | 30 | 19 | 49 |
| 59 " | 12 | 8 | 20 | 11 | 9 | 20 | 24 | 17 | 41 | 4 | .... | 4 | 28 | 17 | 45 |
| 60 " | 8 | 21 | 29 | 14 | 33 | 47 | 23 | 55 | 78 | 7 | 13 | 20 | 30 | 68 | 98 |
| 61 " | 7 | 16 | 23 | 23 | 13 | 36 | 30 | 29 | 59 | 1 | 1 | 2 | 31 | 30 | 61 |
| 62 " | 16 | 11 | 27 | 24 | 20 | 44 | 40 | 31 | 71 | 4 | 6 | 10 | 44 | 37 | 81 |
| 63 " | 11 | 12 | 23 | 17 | 9 | 26 | 28 | 21 | 49 | 3 | 2 | 5 | 31 | 23 | 54 |
| 64 " | 10 | 13 | 23 | 16 | 16 | 32 | 27 | 29 | 56 | 2 | 5 | 7 | 29 | 34 | 63 |
| 55 to 64 years | 107 | 112 | 219 | 174 | 150 | 324 | 284 | 263 | 547 | 35 | 44 | 79 | 319 | 307 | 626 |
| 65 years | 15 | 15 | 30 | 25 | 29 | 54 | 41 | 45 | 86 | 12 | 15 | 27 | 53 | 60 | 113 |
| 66 " | 6 | 13 | 19 | 20 | 12 | 32 | 28 | 25 | 53 | .... | 1 | 1 | 28 | 26 | 54 |
| 67 " | 11 | 14 | 25 | 25 | 15 | 40 | 36 | 29 | 65 | 1 | 2 | 3 | 37 | 31 | 68 |
| 68 " | 13 | 13 | 26 | 21 | 16 | 37 | 34 | 29 | 63 | 7 | 4 | 11 | 41 | 33 | 74 |
| 69 " | 11 | 11 | 22 | 16 | 20 | 36 | 27 | 32 | 59 | 3 | 3 | 6 | 30 | 35 | 65 |
| 70 " | 18 | 20 | 38 | 26 | 16 | 42 | 44 | 36 | 80 | 11 | 19 | 30 | 55 | 55 | 110 |
| 71 " | 16 | 15 | 31 | 9 | 19 | 28 | 25 | 35 | 60 | .... | 2 | 2 | 25 | 37 | 62 |
| 72 " | 11 | 12 | 23 | 13 | 13 | 26 | 24 | 25 | 49 | 3 | 1 | 4 | 27 | 26 | 53 |
| 73 " | 14 | 20 | 34 | 21 | 8 | 29 | 36 | 28 | 64 | .... | 2 | 2 | 36 | 30 | 66 |
| 74 " | 12 | 12 | 24 | 7 | 13 | 20 | 19 | 25 | 44 | 4 | 2 | 6 | 23 | 27 | 50 |
| 65 to 74 years | 127 | 145 | 272 | 183 | 161 | 344 | 314 | 309 | 623 | 41 | 51 | 92 | 355 | 360 | 715 |

## TABLE XII—Concluded.

| Age. | Native White. | | | Foreign White. | | | White. | | | Colored. | | | Male. | Female. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | | | |
| 75 years | 10 | 10 | 20 | 11 | 10 | 21 | 21 | 21 | 42 | 4 | 6 | 10 | 25 | 27 | 52 |
| 76 " | 10 | 12 | 22 | 10 | 17 | 27 | 20 | 29 | 49 | 3 | 4 | 7 | 23 | 33 | 56 |
| 77 " | 9 | 17 | 26 | 14 | 12 | 26 | 23 | 29 | 52 | .... | 4 | 4 | 23 | 33 | 56 |
| 78 " | 13 | 12 | 25 | 15 | 15 | 30 | 29 | 27 | 56 | 1 | 4 | 5 | 30 | 31 | 61 |
| 79 " | 8 | 10 | 18 | 10 | 11 | 21 | 18 | 21 | 39 | .... | 6 | 6 | 18 | 27 | 45 |
| 80 " | 5 | 8 | 13 | 7 | 16 | 23 | 12 | 24 | 36 | 4 | 9 | 13 | 16 | 33 | 49 |
| 81 " | 5 | 8 | 13 | 8 | 4 | 12 | 13 | 12 | 25 | 5 | 1 | 6 | 18 | 13 | 31 |
| 82 " | 8 | 13 | 21 | 7 | 12 | 19 | 15 | 25 | 40 | 1 | 3 | 4 | 16 | 28 | 44 |
| 83 " | 5 | 14 | 19 | 8 | 14 | 22 | 13 | 28 | 41 | 1 | 1 | 2 | 14 | 29 | 43 |
| 84 " | 6 | 9 | 15 | 9 | 7 | 16 | 15 | 16 | 31 | 1 | 4 | 5 | 16 | 20 | 36 |
| 75 to 84 years | 79 | 113 | 192 | 99 | 118 | 217 | 179 | 232 | 411 | 20 | 42 | 62 | 199 | 274 | 473 |
| 85 years | 3 | 13 | 16 | 5 | 6 | 11 | 8 | 19 | 27 | 3 | 5 | 8 | 11 | 24 | 35 |
| 86 " | 3 | 11 | 14 | 1 | 2 | 3 | 4 | 13 | 17 | .... | 4 | 4 | 4 | 17 | 21 |
| 87 " | 3 | 3 | 6 | 6 | 3 | 9 | 9 | 6 | 15 | .... | 2 | 2 | 9 | 8 | 17 |
| 88 " | 1 | 4 | 5 | 4 | 2 | 6 | 5 | 6 | 11 | .... | 1 | 1 | 5 | 7 | 12 |
| 89 " | 3 | 3 | 6 | 2 | 1 | 3 | 5 | 4 | 9 | 1 | 2 | 3 | 6 | 6 | 12 |
| 90 " | .... | 4 | 4 | .... | 2 | 2 | .... | 6 | 6 | 1 | 5 | 6 | 1 | 11 | 12 |
| 91 " | .... | 2 | 2 | 1 | 2 | 3 | 1 | 4 | 5 | ..... | ..... | ..... | 1 | 4 | 5 |
| 92 " | .... | 3 | 3 | 1 | .... | 1 | 1 | 3 | 4 | 1 | 1 | 2 | 2 | 4 | 6 |
| 93 " | 1 | 4 | 5 | .... | 2 | 2 | 1 | 6 | 7 | 1 | .... | 1 | 2 | 6 | 8 |
| 94 " | .... | 1 | 1 | .... | 1 | 1 | .... | 2 | 2 | ..... | ..... | ..... | ..... | 2 | 2 |
| 85 to 94 years | 14 | 48 | 62 | 20 | 21 | 41 | 34 | 69 | 103 | 7 | 20 | 27 | 41 | 89 | 130 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95 years | | | | | 1 | 1 | | 1 | 1 | | | | | 1 | 1 |
| 96 " | | | | | 1 | 1 | | 1 | 1 | | | | | 1 | 1 |
| 97 " | 1 | 2 | 3 | | | | 1 | 2 | 3 | 1 | | 1 | 2 | 2 | 4 |
| 98 " | 1 | | 1 | | | | 1 | | 1 | | 1 | 1 | 1 | 1 | 2 |
| 99 " | | 1 | 1 | | | | | 1 | 1 | | | | | 1 | 1 |
| 100 " | | 1 | 1 | 1 | | 1 | 1 | 1 | 2 | 2 | 6 | 8 | 3 | 7 | 10 |
| 95 to 100 years | 2 | 4 | 6 | 1 | 2 | 3 | 3 | 6 | 9 | 3 | 7 | 10 | 6 | 13 | 19 |

# TABLE XIII.

Showing the Actual Mortality in the City of Baltimore During the Year 1888, for Each Occupation, by Sex, Race, and Nativity, and by Ages.

## MALES.

| Occupation. | White. | | Colored. | Age. | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Native. | Foreign. | | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | |
| All Occupations | 914 | 709 | 376 | 5 | 70 | 153 | 317 | 365 | 340 | 285 | 304 | 141 | 31 | 2,011 |
| *Active Mechanics Abroad* | 80 | 39 | 24 | .. . | 1 | 8 | 11 | 19 | 34 | 28 | 21 | 17 | 5 | 144 |
| Brickmakers | 6 | 1 | 15 | .... | .... | 3 | .... | 2 | 8 | 4 | 1 | 3 | 1 | 22 |
| Carpenters | 46 | 20 | 3 | .... | .... | 3 | 5 | 9 | 11 | 18 | 11 | 11 | 1 | 69 |
| Caulkers | 1 | .... | 5 | .... | .... | .... | .... | 2 | 1 | 1 | .... | .... | 2 | 6 |
| Masons and Bricklayers | 8 | 10 | 1 | .... | 1 | 1 | 1 | 1 | 5 | 3 | 5 | 2 | .... | 19 |
| Paperhangers | 4 | .... | .... | .... | .... | 1 | .... | 2 | 1 | .... | .... | .... | .... | 4 |
| Plasterers | 5 | .... | .... | .... | .... | .... | 1 | .... | 3 | 1 | 1 | .... | .... | 6 |
| Riggers | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 | 2 |
| Ship Carpenters | 3 | .... | .... | .... | .. | .... | .... | .... | 2 | .... | 1 | .... | .... | 3 |
| Stone Cutters | 4 | 6 | .... | .... | .... | .... | 2 | 3 | 3 | 1 | .... | 1 | .... | 10 |
| Tanners | 2 | 1 | .... | .... | .... | .... | 2 | .... | .... | .... | 1 | .... | .... | 3 |
| *Active Mechanics in Shops* | 176 | 108 | 19 | .... | 13 | 26 | 51 | 50 | 54 | 41 | 45 | 22 | 4 | 306 |
| Blacksmiths | 20 | 11 | .... | .... | 1 | .... | 5 | 7 | 4 | 4 | 5 | 5 | 1 | 32 |
| Bakers | 5 | 12 | .... | .... | .... | .... | 4 | 1 | 3 | 2 | 2 | 5 | .... | 17 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Boilermakers | 10 | 2 | .... | .... | .... | .... | 2 | 1 | 4 | 2 | 3 | .... | .... | 12 |
| Brass Finishers and Workers | 6 | 1 | .... | .... | 2 | 1 | 2 | 2 | .... | .... | .... | .... | .... | 7 |
| Brewers | .... | 5 | .... | .... | .... | .... | .... | 1 | 2 | 1 | 1 | .... | .... | 5 |
| Cabinetmakers | 2 | 11 | .... | .... | .... | 1 | 1 | .... | .... | 3 | 5 | 2 | 1 | 13 |
| Carriagemakers and Trimmers | 7 | 3 | .... | .... | 2 | 1 | 1 | 2 | 2 | .... | 1 | 1 | .... | 10 |
| Confectioners | 5 | 2 | .... | .... | .... | 1 | 2 | 1 | 2 | .... | 1 | .... | .... | 7 |
| Cooks | 1 | 1 | 5 | .... | .... | .... | 2 | 2 | 1 | 1 | 1 | .... | .... | 7 |
| Coopers | 7 | 14 | .... | .... | .... | .... | 4 | 1 | 3 | 3 | 7 | 3 | .... | 21 |
| Curriers | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 |
| Dyers and Scourers | 1 | 2 | .... | .... | .... | .... | 1 | .... | .... | .... | .... | 1 | 1 | 3 |
| Fruit and Oyster Packers | 4 | .... | .... | .... | .... | 1 | 1 | .... | 1 | .... | 1 | 1 | .... | 5 |
| Founders and Moulders | 8 | 2 | .... | .... | 2 | 4 | .... | 2 | 1 | .... | 1 | .... | .... | 10 |
| Glass Blowers and Makers | 1 | 3 | .... | .... | .... | .... | .... | 1 | 2 | 1 | .... | .... | .... | 4 |
| Gunsmiths | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 2 | .... | .... | 2 |
| Hatters | 3 | 1 | .... | .... | .... | .... | .... | .... | 1 | 1 | 1 | 1 | .... | 4 |
| Leather Dressers | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| Mechanics (not otherwise specified) | 3 | .... | .... | .... | 1 | 2 | .... | .... | .... | .... | .... | .... | .... | 3 |
| Machinists | 19 | 5 | .... | .... | .... | 3 | 1 | 4 | 5 | 3 | 7 | 1 | .... | 24 |
| Millers | 3 | 1 | .... | .... | .... | .... | .... | .... | 1 | 3 | .... | .... | .... | 4 |
| Oyster Shuckers | 1 | .... | 9 | .... | 1 | 2 | 2 | 4 | 1 | .... | .... | .... | .... | 10 |
| Painters | 40 | 9 | 1 | .... | .... | 5 | 12 | 9 | 11 | 9 | 2 | 2 | .... | 50 |
| Pianomakers | .... | 6 | .... | .... | .... | .... | .... | 1 | 2 | 2 | 2 | .... | .... | 7 |
| Plumbers | 8 | 4 | .... | .... | 2 | 1 | 3 | 2 | 2 | 2 | .... | .... | .... | 12 |
| Pumps and Blockmakers | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 1 |
| Tinsmiths and Canmakers | 15 | 5 | .... | .... | 1 | 4 | 6 | 6 | .... | 2 | 1 | .... | .... | 20 |
| Trunkmakers | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 |
| Upholsterers | 3 | 3 | .... | .... | 1 | .... | .... | 1 | 2 | 1 | 1 | .... | .... | 6 |
| Whitewashers | .... | 1 | 4 | .... | .... | .... | 1 | 1 | 3 | .... | .... | .... | .... | 5 |
| Wood Turners | 1 | 1 | .... | .... | .... | .... | .... | 1 | .... | 1 | .... | .... | .... | 2 |

## TABLE XIII—Continued.

### MALES.

| Occupation. | White. | | Colored. | Age. | | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Native. | Foreign. | | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | |
| *Inactive Mechanics in Shops* | 101 | 141 | 16 | 1 | 11 | 15 | 38 | 35 | 32 | 49 | 50 | 27 | 2 | 260 |
| Barbers | 9 | 1 | 10 | .... | 1 | 3 | 9 | 3 | 1 | 1 | 1 | 1 | .... | 20 |
| Basketmakers | .... | 2 | .... | .... | .... | .... | .... | 1 | .... | .... | 1 | .... | .... | 2 |
| Bookbinders | 3 | .... | .... | .... | .... | .... | 1 | .... | 2 | .... | .... | .... | .... | 3 |
| Brush and Broommakers | 4 | 2 | .... | .... | 1 | .... | 1 | 2 | 1 | .... | 1 | .... | .... | 6 |
| Cigarmakers | 13 | 9 | .... | .... | .... | 1 | 6 | 3 | 5 | 3 | 3 | 1 | .... | 22 |
| Clock and Watchmakers | 1 | 1 | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | 2 |
| Engravers | .... | 2 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | 2 |
| Glass Cutters | 2 | 1 | .... | .... | .... | .... | 1 | 1 | .... | 1 | .... | .... | .... | 3 |
| Harnessmakers | 7 | 1 | .... | .... | .... | 1 | 2 | .... | .... | 4 | 1 | .... | .... | 8 |
| Jewelers | 4 | 5 | .... | .... | .... | .... | 2 | 1 | .... | 3 | 3 | .... | .... | 9 |
| Operatives | 4 | 7 | .... | 1 | 1 | 1 | 2 | .... | 1 | 1 | 2 | 1 | 1 | 11 |
| Printers | 22 | 3 | 2 | .... | 4 | 4 | 5 | 3 | 3 | 7 | .... | 2 | .... | 28 |
| Sailmakers | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| Silver and Goldsmiths | 2 | 2 | .... | .... | .... | .... | .... | .... | .... | .... | 3 | 1 | .... | 4 |
| Shoemakers | 11 | 47 | 3 | .... | 1 | 2 | 1 | 11 | 9 | 16 | 14 | 6 | 1 | 61 |
| Tailors | 17 | 55 | .... | .... | 1 | 3 | 8 | 10 | 9 | 13 | 17 | 12 | .... | 73 |
| Tobacconists | 1 | 3 | 1 | .... | .... | .... | .... | .... | .... | .... | 3 | 2 | .... | 5 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Laborers (no special trades* | 105 | 183 | 244 | .... | 20 | 49 | 94 | 107 | 97 | 71 | 67 | 24 | 6 | 535 |
| Hostlers | 1 | 2 | 4 | .... | .... | .... | 1 | 2 | 2 | 1 | .... | 1 | .... | 7 |
| Janitors | 4 | .... | 3 | .... | .... | .... | .... | 1 | .... | 2 | 2 | 1 | 1 | 7 |
| Laborers | 76 | 163 | 184 | .... | 17 | 39 | 72 | 85 | 77 | 55 | 57 | 18 | 5 | 425 |
| Laundrymen | .... | .... | 2 | .... | .... | .... | .... | 2 | .... | .... | .... | .... | .... | 2 |
| Policemen | 5 | 1 | .... | .... | .... | .... | 2 | 2 | 2 | .... | .... | .... | .... | 6 |
| Porters | 2 | 2 | 17 | .... | .... | 3 | 6 | 4 | 6 | 1 | 1 | .... | .... | 21 |
| Railroad Employees (not otherwise specified) | 6 | 3 | .... | .... | .... | 1 | 5 | .... | .... | 2 | 1 | .... | .... | 9 |
| Servants | .... | .... | 2 | .... | .... | 1 | .... | .... | .... | .... | 1 | .... | .... | 2 |
| Stevedores | 1 | 6 | 5 | .... | .... | 1 | 1 | 3 | 4 | 1 | 1 | 2 | .... | 13 |
| Stewards | .... | .... | 3 | .... | .... | .... | .... | 2 | .... | 1 | .... | .... | .... | 3 |
| Waiters | .... | .... | 24 | .... | 3 | 4 | 6 | 6 | 4 | .... | .... | 1 | .... | 24 |
| Watchmen | 10 | 6 | .... | .... | .... | .... | 1 | .... | 2 | 8 | 4 | 1 | .... | 16 |
| *Factors Laboring Abroad* | 81 | 64 | 43 | 3 | 11 | 17 | 24 | 37 | 26 | 21 | 30 | 17 | 3 | 189 |
| Brakeman | 3 | .... | .... | .... | 1 | .... | 1 | 1 | .... | .... | .... | .... | .... | 3 |
| Butchers | 8 | 15 | 1 | .... | 1 | 3 | 1 | 5 | 1 | 3 | 5 | 5 | .... | 24 |
| Drivers and Coachmen | 16 | 7 | 19 | .... | 5 | 8 | 8 | 5 | 4 | 5 | 6 | 1 | .... | 42 |
| Engineers and Firemen | 23 | 7 | 1 | .... | .... | 2 | 8 | 13 | 2 | 1 | 4 | 1 | .... | 31 |
| Farmers | 13 | 4 | 9 | .... | 1 | 1 | .... | 8 | 1 | 4 | 6 | 3 | 2 | 26 |
| Florists and Gardeners | .... | 8 | 2 | .... | .... | .... | .... | .... | 4 | 1 | 2 | 3 | .... | 10 |
| Livery Stable Keepers | 2 | 3 | .... | .... | .... | .... | .... | .... | 2 | 3 | .... | .... | .... | 5 |
| Letter Carriers | 2 | .... | .... | .... | .... | .... | 2 | .... | .... | .... | .... | .... | .... | 2 |
| Messengers | 3 | .... | 1 | 2 | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | 4 |
| Milkmen | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | 1 |
| Newsboys | 2 | .... | .... | 1 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 2 |
| Paper Carriers | .... | 2 | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | 2 |
| Peddlers and Hucksters | 7 | 10 | 2 | .... | 1 | 2 | 1 | 3 | 6 | 2 | 2 | 2 | .... | 19 |
| Teamsters and Draymen | 2 | 7 | 8 | .... | .... | .... | 3 | 2 | 5 | 1 | 4 | 2 | 1 | 18 |

## TABLE XIII—Continued.

### MALES.

| Occupation. | White. | | Colored. | Age. | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Native. | Foreign. | | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | |
| *Employed on the Ocean* | 28 | 16 | 18 | ... | 2 | 5 | 15 | 15 | 8 | 9 | 7 | 2 | .... | 63 |
| Fishermen | 1 | .... | 1 | .... | .... | .... | 2 | .... | .... | .... | .... | .... | .... | 2 |
| Oystermen | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 |
| Pilots | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 |
| Seamen | 26 | 16 | 16 | .... | 1 | 5 | 12 | 15 | 8 | 9 | 7 | 2 | .... | 59 |
| *Merchants, Financiers, Agents, &c.* | 271 | 128 | 5 | .... | 12 | 29 | 70 | 84 | 71 | 49 | 64 | 19 | 7 | 405 |
| Agents | 10 | 2 | .... | .... | .... | .... | 3 | 3 | 1 | 2 | 2 | .... | 1 | 12 |
| Bank Officers | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Brokers | 3 | .... | .... | .... | .... | .... | .... | .... | 1 | 2 | .... | .... | .... | 3 |
| Clerks and Bookkeepers | 98 | 9 | 1 | ... | 7 | 24 | 28 | 14 | 17 | 6 | 8 | 4 | .... | 108 |
| Contractors | 2 | 2 | .... | .... | .... | .... | .... | 2 | .... | .... | 1 | 1 | ... | 4 |
| Collectors | 2 | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | 1 | .... | .... | 3 |
| Druggists and Apothecaries | 7 | .... | .... | .... | .... | .... | 1 | 2 | 1 | 2 | .... | 1 | .... | 7 |
| Drummers | 1 | 1 | .... | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | .... | 2 |
| Grocers | 5 | 8 | .... | .... | .... | .... | 1 | 7 | 2 | 1 | 2 | .... | .... | 13 |
| Inspectors | 2 | 1 | .... | .... | .... | .... | .... | 1 | 1 | .... | 1 | .... | .... | 3 |
| Merchants | 99 | 55 | 3 | .... | 3 | .... | 19 | 26 | 29 | 20 | 39 | 12 | 12 | 156 |
| Manufacturers | 3 | 8 | .... | ... | .... | .... | 2 | 2 | 1 | 3 | 3 | .... | .... | 11 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Railroad Agents, Officers and Conductors | 2 | | | | | | | | | 1 | 1 | | | 2 |
| Salesmen | 15 | 2 | | | 1 | | 6 | 4 | 4 | | 2 | | | 17 |
| Saloon and Restaurant Keepers, Bartenders | 20 | 40 | 1 | | 2 | 2 | 10 | 20 | 12 | 12 | 4 | | | 61 |
| Telegraphers | 1 | | | | | | | 1 | | | | | | 1 |
| *Professional Men* | 60 | 23 | 3 | | | 3 | 13 | 15 | 13 | 14 | 15 | 10 | 3 | 86 |
| Actors | 1 | | | | | | | 1 | | | | | | 1 |
| Architects | 1 | 1 | | | | | | 1 | | 1 | | | | 2 |
| Artists | 1 | 1 | | | | | | | | 1 | | | 1 | 2 |
| Chemists | 2 | | | | | 1 | | | | | | 1 | | 2 |
| Clergymen | 8 | 2 | | | | | 2 | 2 | 1 | 1 | 2 | 2 | | 10 |
| Civil Engineers | 5 | | | | | 1 | | 1 | | 1 | | 1 | 1 | 5 |
| Editors, Reporters and Journalists | 2 | 1 | | | | | | 1 | 1 | | | 1 | | 3 |
| Lawyers | 8 | | | | | | 2 | 1 | 3 | | 1 | 1 | | 8 |
| Musicians | 4 | 7 | 1 | | | | 3 | 2 | 1 | 5 | 1 | | | 12 |
| Photographers | 4 | | | | | | | | 1 | 1 | 1 | | 1 | 4 |
| Physicians | 22 | 4 | 1 | | | | 5 | 5 | 4 | 3 | 6 | 4 | | 27 |
| Teachers | 2 | 4 | | | | | 1 | | 1 | 1 | 3 | | | 6 |
| Undertakers | | 3 | 1 | | | 1 | | 1 | 1 | | 1 | | | 4 |
| Not classified | 12 | 7 | 4 | 1 | | 1 | 1 | 3 | 5 | 3 | 5 | 3 | 1 | 23 |

## TABLE XIII—Concluded.

### FEMALES.

| Occupation. | White. | | Colored. | Age. | | | | | | | | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Native. | Foreign. | | 10 years to 14 years. | 15 years to 19 years. | 20 years to 24 years. | 25 years to 34 years. | 35 years to 44 years. | 45 years to 54 years. | 55 years to 64 years. | 65 years to 74 years. | 75 years to 84 years. | 85 years and over. | |
| All Occupations | 83 | 48 | 205 | 5 | 21 | 35 | 57 | 62 | 57 | 35 | 31 | 21 | 13 | 337 |
| Cigarmakers | 1 | 1 | .... | .... | 1 | .... | .... | .... | 1 | .... | .... | .... | .... | 2 |
| Clerks and Bookkeepers | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 |
| Cooks | .... | 2 | 42 | .... | .... | 4 | 1 | 9 | 8 | 2 | 6 | 10 | 4 | 44 |
| Janitors | 1 | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | 1 |
| Laundrywomen | 1 | 1 | 79 | .... | .... | 6 | 16 | 19 | 17 | 10 | 5 | 4 | 4 | 81 |
| Laborers | 2 | 2 | 10 | .... | 2 | .... | 2 | 3 | 3 | .... | 2 | 1 | 1 | 14 |
| Merchants | 5 | 5 | .... | .... | .... | .... | .... | 2 | 1 | 4 | 3 | .... | .... | 10 |
| Midwives | .... | 2 | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 | .... | 2 |
| Nurses | 4 | 4 | 2 | .... | .... | .... | .... | 1 | 3 | 1 | 2 | 2 | 1 | 10 |
| Operatives | 5 | .... | .... | 1 | 1 | 1 | 2 | .... | .... | .... | .... | .... | .... | 5 |
| Peddlers and Hucksters | 1 | 1 | .... | .... | .... | .... | .... | .... | 1 | 1 | .... | .... | .... | 2 |
| Servants | 12 | 17 | 63 | 4 | 14 | 10 | 15 | 18 | 11 | 7 | 10 | 1 | 3 | 93 |
| Saleswomen | 3 | 1 | .... | .... | .... | .... | 2 | .... | .... | 2 | .... | .... | .... | 4 |
| Saloon and Restaurant keepers | .... | 2 | .... | .... | .... | .... | .... | .... | .... | 2 | .... | .... | .... | 2 |
| Sisters of Charity | 2 | 3 | 1 | .... | .... | 1 | 2 | .... | 1 | 1 | 1 | .... | .... | 6 |
| Tailors, Dressmakers and Milliners | 35 | 5 | 3 | .... | 2 | 11 | 9 | 7 | 8 | 3 | 2 | 1 | .... | 43 |
| Teachers | 9 | 2 | 1 | .... | .... | 1 | 4 | 3 | 3 | .... | .... | 1 | .... | 12 |
| Telegraph Operatives | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | 1 |
| Waitresses | .... | .... | 4 | .... | 1 | 1 | 2 | .... | .... | .... | .... | .... | .... | 4 |

Note.—The classification of occupations is substantially that followed in the Massachusetts Registration Reports.

In the above tables 12 White Males, 1 White Female, whose birthplace was unknown, are not included under either Native White or Foreign White, but are included in all other columns under their proper heads.

# TABLE XIV.

Showing the Actual Mortality in the City of Baltimore during the Year 1888, by Occupation and Cause.

| Occupation. | CAUSE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | All Causes. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Total Zym. Miasmatic.* | Diarrhœa. | Diphtheria. | Typhoid Fever. | Other Zymotic Mias. | *Total Zym. Enthetic.* | *Total Zym. Dietic.* | *Total Cons. Diathetic.* | Cancer. | Other Cons. Diathetic. | *Total Cons. Tubercular.* | Consumption. | Other Cons. Tuber. | *Total Local Nervous.* | Apoplexy. | Meningitis. | Paralysis. | Other Local Nervous. | *Total Local Circulatory.* | *Total Local Respiratory.* | Bronchitis. | Pneumonia. | Other Local Respir. | *Total Local Digestive.* | *Total Local Urinary.* | Bright's Disease. | Other Local Urinary. | *Total Local Locomotory.* | *Total Local Integument.* | *Total Local Generative.* | *Total Devel.—Women.* | *Total Devel.—Age.* | *Total Devel.—Nutrition.* | *Total Violence.* | *Unknown.* | |
| Total Males..... | 163 | 10 | 2 | 69 | 82 | 3 | 31 | 78 | 62 | 16 | 472 | 460 | 12 | 243 | 86 | 7 | 55 | 95 | 214 | 247 | 29 | 153 | 65 | 161 | 161 | 89 | 72 | 9 | 10 | .. | .. | 66 | 11 | 140 | 2 | 2011 |
| *Active Mechanics Abroad*..... | 11 | 1 | 1 | 3 | 6 | .. | 2 | 3 | 2 | 1 | 34 | 32 | 2 | 15 | 7 | .. | 2 | 6 | 17 | 19 | 2 | 9 | 8 | 13 | 11 | 8 | 3 | .. | 1 | .. | .. | 7 | 2 | 9 | .. | 144 |
| Brickmakers ..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 6 | .. | 4 | 1 | .. | 1 | 2 | 3 | 3 | .. | 1 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 22 |
| Carpenters..... | 6 | .. | 1 | 3 | 2 | .. | .. | 3 | 2 | 1 | 20 | 18 | 2 | 6 | 5 | .. | 1 | 10 | 8 | 1 | 3 | 4 | 4 | 4 | 4 | .. | .. | .. | 1 | .. | .. | 2 | 2 | 3 | .. | 69 |
| Masons and Bricklayers... | 3 | .. | .. | .. | 3 | .. | 2 | .. | .. | .. | 1 | 1 | .. | 2 | 1 | .. | 1 | 2 | 2 | 3 | 1 | 1 | 1 | 2 | 3 | 2 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | 19 |
| Stonecutters ..... | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | 3 | .. | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 10 |
| Others ..... | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 4 | 4 | .. | 3 | .. | .. | 1 | 2 | 2 | 2 | .. | 1 | 1 | 2 | 4 | 2 | 2 | .. | .. | .. | .. | 2 | .. | 4 | .. | 24 |
| *Active Mechanics in Shops*..... | 26 | 2 | .. | 10 | 14 | .. | 7 | 17 | 14 | 3 | 78 | 76 | 2 | 34 | 11 | 1 | 7 | 15 | 33 | 36 | 1 | 26 | 9 | 18 | 23 | 14 | 9 | 1 | 2 | .. | .. | 10 | .. | 20 | 1 | 306 |
| Bakers..... | 1 | .. | .. | 1 | .. | .. | 1 | 1 | 1 | .. | 1 | 1 | .. | 2 | .. | .. | 1 | 1 | 2 | 1 | .. | .. | 1 | .. | 3 | 2 | 1 | .. | .. | .. | .. | 1 | .. | 4 | .. | 17 |
| Blacksmiths..... | 2 | .. | .. | 1 | 1 | .. | 2 | 1 | 1 | .. | 7 | 7 | .. | 2 | 2 | .. | .. | .. | 7 | 5 | 1 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | 2 | 1 | 32 |
| Boilermakers..... | 5 | 2 | .. | 3 | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 3 | .. | .. | 1 | 2 | .. | 3 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Cabinetmakers..... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 3 | 1 | .. | .. | .. | .. | .. | 2 | 1 | .. | 1 | .. | 2 | 2 | 1 | 1 | .. | .. | .. | .. | 2 | .. | .. | .. | 13 |
| Coopers..... | 1 | .. | .. | .. | 1 | .. | .. | 3 | 3 | .. | 5 | 5 | .. | 2 | .. | .. | 1 | 1 | 4 | 2 | .. | .. | 2 | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 2 | .. | 21 |

| | | |

# TABLE XIV—Concluded.

| Occupation. | CAUSE. | | |

| | | |

# ANNUAL REPORT

—OF THE—

# GENERAL SUPERINTENDENT OF LAMPS

—AND—

## INSPECTOR AND SEALER OF GAS METERS,

—TO THE—

## Mayor and City Council of Baltimore,

—FOR THE—

Fiscal Year Ending December 31, 1888.

# REPORT.

OFFICE OF THE GENERAL SUPERINTENDENT OF LAMPS AND INSPECTOR AND SEALER OF GAS METERS.

BALTIMORE, January 3, 1889.

*To the Honorable the Mayor*
*and City Council of Baltimore.*

GENTLEMEN:

I have the honor of presenting the tenth annual report of this department, including receipts, disbursements and general affairs of lighting the City proper for the year ending December 31, 1888, and the Annex for seven months, from June 1 to December 31 inclusive.

Since January the first, the price of gas has been $1.25 per M to the City, where supplied to this Department.

The electric lights have cost fifty (50) cents per night, or one hundred and eighty-two dollars and fifty cents per annum.

The gasoline lamps cost at the rate of eighteen (18) dollars each per annum to July 1, since which time an arrangement has been made at the rate of fourteen (14) dollars per annum until the Council takes some action in the matter.

There has been one hundred and eighty-three (183) gas lamps erected during the year, and ten (10) relit; deducting one hundred and seventy-four (174) discontinued by the use of electric lights, leaves the present number fifty-three hundred and seven (5,307).

The increased number of electric lights has been for the year, fifty-three arc lights and sixteen (16) twenty-five (25) candle power incandescent lamps to illuminate No. 6 Engine House clock, the present number being five hundred and eight four (584) arc lights and sixteen (16) twenty-five (25) candle power incandescent lights.

The number of gasoline lamps in use is eight hundred and fify-five (855), being an increase of fourteen (14) during the year.

The number of gas lamps in the City Annex is three hundred and ninety (390), twenty-eight having been erected since the first of June.

Gasoline lamps in use in the City Annex is five hundred and fifty (550), thirty-six (36) having been erected since annexation, June the first.

There still continues a large demand for electric

lights in the business portions of the City, and I would recommend that if the number is increased, they be placed in such portions of the City as Canton and Pennsylvania avenues. We have been repeatedly petitioned and urged to place them in these thoroughfares, but our appropriation did not allow us to increase the number.

There should be some neater plan to hang the lamps out in the street than the present mast-arm, which is unsightly and leaves the wires quite loose, but so far as light is concerned, these mast-arms are quite an improvement over the mode of placing the lamps on the top of poles. I think some more sightly plan could be obtained.

There is also a large demand for gas lamps in the City proper and Annex. If some of the fine avenues that have been opened during the past year are to be lighted as they should be, a much larger appropriation will have to be made to this Department for this purpose.

There is no contract with either the gas company, electric light company or for the supply of gasoline and repairs of the gasoline lamps in the City proper; doubtless, his Honor the Mayor will call attention to this fact.

The gasoline for the City Annex is purchased by the barrel and delivered in sheds, put up by the City in

the yards of the engine houses or other convenient places, also glass to replace those broken.

The lamplighters fill the lamps and keep them in order, including replacing glass when broken. The necessary repairs to the tin work is done by parties in the annexed part of the City.

These lamps are very much scattered, in fact, there are five sections or districts, viz.: Frederick road and Calverton, Clifton, Hampden and Woodberry, Waverly and Homestead, and Belair road, with the streets and avenues leading to these built up portions of the City.

There has been a continued demand for lamps since the first of June, and doubtless, it will continue to a large extent.

In consequence of the scattered condition of these lamps, as before stated, and the increaseed number, it was a public necessity to appoint an additional lamplighter; there must be some addition to the present number, as the lamps cannot be lit in a reasonable time, or we must commence lighting much before sun down, then there will be complaint of wasting gas and gasoline.

It is much more satisfactory to have the lamplighters fill and attend to the lamps themselves. We find they are kept in better condition and burn better than where the responsibility is divided between a contractor and lamplighter. There has been some little complaint in

some parts of the City of not being lighted early enough, but it is impracticable to light all the lamps at one time, consequently we commence where we think most necessary and finish in the most open or least compact part of the lamplighters beats or districts; some also complain of lighting too early, but it is impossible to please all in regard to lighting and putting out, consequently we use our best judgment in preparing a card for lighting and putting out each month.

We have lately put up gas lamps on Broadway from Preston street to North avenue, (this being a much needed improvement), presenting a very fine appearance, where there was complaints of darkness and improper conduct.

On taking charge of the lamps in the Annex I found them much out of order, varying largely in consumption, (of gas particularly), and the number of lamps given to each lamplighter very unequal. I have put regulator or governor burners on the gas lamps, which now controls the consumption to five (5) feet per hour. Also arranged the lamplighter's beats or districts to equalize them as near as possible and lighting the whole in about the same time.

I am much indebted to my clerk, the superintendents and the lamplighters generally, for their cheerful co-operation in the discharge of the duties of the office.

Respectfully submitted,

F. W. KING,

*General Superintendent of Lamps, &c.*

## LIST OF TABLES.

*Annexed to the Report of the General Superintendent of Lamps and Inspector and Sealer of Gas Meters, for the year ending December 31st*, 1888.

Table A exhibits the number and size of gas meters inspected and sealed, also rejected, being incorrect or otherwise out of order.

Table B shows the amount received by the department and paid to the City Register on the warrant of the Comptroller, from January 1st to December 31st, 1888.

Table C exhibits the amount of appropriation and amount expended, also deficiency of the gas and electric light account.

Table D exhibits the amount of appropriation and amount expended, with balance unexpended of the lamp pillar and lamp account.

Table E shows the amount required for the year ending December 31st, 1889, for City proper.

Table F gives the statement of the amount expended for seven months, to December 31st, 1888, in the annexed district.

Table G shows the amount required for the City Annex for the year ending December 31st, 1889.

## TABLE A

*Exhibits the number and size of Meters inspected, also rejected, being incorrect or otherwise out of order.*

| | Size and Number of Meters Inspected and Sealed. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size of Meters..... | 2 | 3 | 5 | 10 | 20 | 30 | 45 | 60 | 80 | 100 | 150 | 200 |
| Number of Meters ..... | 14 | 2,078 | 7,579 | 532 | 166 | 49 | 38 | 24 | 5 | 24 | 5 | 1 |

| | Size and Number of Meters Rejected, being Incorrect or otherwise out of Order. | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Size of Meters..... | 3 | 5 | 10 | 20 | 30 | 45 | 60 | 100 |
| Number of Meters..... | 22 | 120 | 6 | 8 | 3 | 3 | 3 | 1 |

In addition to the above there were fourteen (14) street lamps, market and engine house meters taken out and tested, eight (8) of which were incorrect or out of order.

## TABLE B.

Shows the amount received by the Department and paid to the City Register on the warrant of the Comptroller from January 1st to December 31st, 1888.

| | |
|---|---|
| Inspecting gas meters | $2,678 50 |
| Repairs of lamps | 70 00 |
| | $2,748 50 |

## TABLE C.

**Exhibits the amount of appropriation and amount expended, also deficiency of the gas and electric light account.**

| | Dr. | Cr. |
|---|---|---|
| Gas and electric light account | $235,477 59 | $230,000 00 |
| Amount appropriated | 230,000 00 | |
| | $5,477 59 | |

## TABLE C—Continued.

Exhibits the itemized expenditures of the gas and electric light account.

| | | |
|---|---|---|
| Electric lights at 50 cents each per night, arc lights | $103,222 | 00 |
| Electric lights, 16 incandescent, 25 candle power, to illuminate No. 6 Engine House Clock, @ $1.25 each per month. | 76 | 12 |
| Gas for street lamps, 10,686,600 feet, @ $1.50 per M | 16,029 | 90 |
| Gas for street lamps, 85,042,600 feet, @ $1.25 per M | 106,303 | 22½ |
| Gas for Square lamps, 164,200 feet, @ $1.50 per M | 246 | 30 |
| Gas for Square lamps, 1,610,400 feet, @ $1.25 per M | 2,012 | 99½ |
| Gas for St. Paul-street bridge, 31,000 feet, @ $1.50 per M | 46 | 50 |
| Gas for St. Paul-street bridge, 260,000 feet, @ $1.25 per M | 325 | 00 |
| Gas for Washington Monument, 12,400 feet, @ 50 cents per M | 6 | 20 |
| Gas for Washington Monument, 19,000 feet, @ $1.50 per M | 28 | 50 |
| Gas for Washington Monument, 99,700 feet, @ $1.25 per M | 124 | 61 |
| Gas for markets, 3,038,900 feet, @ $1.25 per M | 3,798 | 61 |
| Amount carried forward | $232,219 | 96 |

TABLE C—Concluded.

| | | |
|---|---|---|
| Amount brought forward | $232,219 | 96 |
| Gas for Madison avenue entrance Druid Hill Park gate, 500 feet, @ $1.25 per M | | 63 |
| Erecting 183 new gas lamps, @ $7.50 each | 1,372 | 50 |
| Repairs of service and straightening posts, &c | 925 | 25 |
| Regulator burners | 25 | 00 |
| Repairs to stops, burners and new stops, &c. | 908 | 25 |
| Seals for gas meters | 26 | 00 |
| | $235,477 | 59 |

## TABLE D.

Exhibits the amount of appropriation and amount expended, with balance unexpended of the lamp pillars and lamp account.

| | Dr. | Cr. |
|---|---|---|
| Lamp pillars and lamp account. | $19,723 11 | $21,968 00 |
| Balance | 2,244 89 | |
| | $21,968 00 | |
| Keep of General Superintendent's horse and wagon | $300 00 | $300 00 |

## TABLE D—Continued.

Exhibits the itemized expenditures of the lamp pillars and lamp account.

| | |
|---|---|
| Gasoline supplies, including repairs, &c... | $13,683 17 |
| 142 iron gas lamp posts, less old posts..... | 826 84 |
| 4 fancy posts, for Mt. Royal-avenue Square | 97 00 |
| Repairs to gasoline burners..... | 162 00 |
| Putting up and straightening gasoline posts | 145 00 |
| Repairs to posts at the Battle Monument.. | 22 00 |
| Stones for protection to posts on Franklin street extended..... | 35 12 |
| New gas lanters, eighteen dozen ..... | 348 00 |
| New gasoline lanterns, seventeen dozen.... | 484 20 |
| Bartlett and Miner globes, fifteen dozen... | 891 75 |
| Putting up lanterns, globes, &c..... | 134 59 |
| Tapping sixty-four urns and raising forty-four burners in globes, also bolts and washers..... | 45 68 |
| Repairs to gas lanterns..... | 1,844 50 |
| Putting up street signs ..... | 298 00 |
| Ground and opal glass..... | 88 18 |
| Repairs of pipes, stops, brackets, and holders, City Hall..... | 31 05 |
| Putting on burners, and repairs of fixtures, City Hall..... | 6 70 |
| Cleaning out pipe, Lexington Market ..... | 2 00 |
| Repairs of pipe in Cross-street Market..... | 5 00 |
| Additions to gas fixtures, Record Office ... | 18 35 |
| Repairs to pipe in Belair Market ..... | 5 25 |
| Running pipe and putting up brackets on stairway, City Hall..... | 10 00 |
| Carried over ..... | $19,184 38 |

TABLE D—Concluded.

| | |
|---|---|
| Amount brought forward | $19,184 38 |
| Additional lights and bracket, Tax Department | 22 05 |
| Repairs to burners, holders and stops, Council chambers | 39 45 |
| Additional gas lights and brackets, School Commissioners' Department | 25 89 |
| Altering connections and arranging fixtures in Gas Inspector's office | 20 54 |
| For one (1) torch | 3 50 |
| Two doz. brackets and putting up in armory, City Hall | 43 35 |
| Taking down fixture and capping pipe, Street Cleaning Department | 1 25 |
| Repairs to chandeliers, etc., in office Superintendent City Hall | 15 45 |
| Running additional brackets and burners in the Health Department | 15 60 |
| Repairs and putting up fixtures, Riverside Park | 5 00 |
| Altering fixtures in armory, City Hall | 10 00 |
| Repairs to chandeliers, Police Department. | 10 90 |
| Additions and alterations, Register's Department | 7 37 |
| Repairs to stops and burners, City Hall | 20 50 |
| 200 gas combs for lamplighters | 10 00 |
| Repairs to governors, City Hall | 39 51 |
| Directory and advertising | 39 90 |
| Seals | 25 00 |
| Roller and frame for maps | 8 55 |
| Incidentals, postage stamps, map, etc | 38 90 |
| Alcohol, brush, etc | 14 11 |
| Posts and erecting the same, Harman's bridge | 21 91 |
| New gas burners | 100 00 |
| | $19,723 11 |

## TABLE E.

Shows the amount required for the year ending December 31st, 1889, for the City proper.

| | | |
|---|---|---|
| Lamp-pillars and lamps, including gasoline lamp supplies and repairs, gas and gasoline posts, lamps or lanterns, repairs of gas lanterns, street signs, globes and incidentals | $ 18,579 00 | |
| Gas and electric lights, including gas for street lamps, markets, halls, bridges, squares, &c | | $269,420 00 |
| Keep of General Superintendent's horse and wagon | $ 300 00 | |

## TABLE F.

Gives the statement of the amount expended for seven months to December 31st, 1888, in the Annexed district.

*Lamp-pillar and Lamp Account.*

| | | | |
|---|---|---|---|
| Repairs of lamps, straightening posts, &c. | | | |
| In July | $ 90 40 | | |
| August | 43 15 | | |
| September | 50 78 | | |
| October | 79 50 | | |
| November | 38 00 | | |
| December | 82 04 | | |
| | | $ | 383 87 |
| Gasoline for June, 71 barrels, | $333 51 | | |
| " " July, 66 " | 256 56 | | |
| " " August, 73 " | 281 55 | | |
| " " September 52 " | 192 12 | | |
| " " October, 69 " | 259 26 | | |
| " " November 72 " | 267 90 | | |
| | | $ | 1,590 90 |
| Glass for gas and gasoline lamps, 6,000 lights | | | 332 72 |
| New gasoline lanterns, 2 doz | $ 58 80 | | |
| " " 2 " | 56 40 | | |
| | | | 115 20 |
| New gas lamp-posts, 6 in number. | | | 35 62 |
| | | $ | 2,458 31 |

## TABLE F—Concluded.

Gas and electric light account.

| | | |
|---|---|---|
| Gas for street lamps, 2,150,400 feet, @ at $1.25 per M | $2,687 | 99 |
| Erecting new gas lamps (28) @ $7.50 each | 210 | 00 |
| Renewals of services and sundry repairs | 31 | 50 |
| Straightening (16) gas lamp posts | 20 | 00 |
| New gas burners | 183 | 05 |
| | $3,132 | 54 |

## TABLE G.

Shows the amount required for the City Annex for the year ending December 31st, 1888.

*Gas and electric light account.*

| | |
|---|---|
| Gas and electric lights, including gas for street lamps, erecting and removal of lamps, straightening posts, &c | $8,512 50 |

*Lamp pillars and lamp account.*

| | |
|---|---|
| Lamp pillars and lamps, including gasoline, lamp supplies and repairs, gas and gasoline posts, lamps or lanterns, repairs to tin work, glass fillers, lamp wick, &c | $5,712 18 |

# ANNUAL REPORT

OF THE

# CITY COLLECTOR,

TO THE

## MAYOR AND CITY COUNCIL OF BALTIMORE,

FOR THE

Fiscal Year Ending December 31st, 1888.

# REPORT.

TAX DEPARMENT.

CITY COLLECTOR'S OFFICE—CITY HALL,

BALTIMORE, January 1st, 1889.

*To the Honorable the Mayor*

*and City Council of Baltimore.*

GENTLEMEN:

I have the honor to submit for your inspection and consideration the operations of this Department for the fiscal year ending December 31, 1888.

The amount of money received from all sources during the year was $5,260,727\frac{98}{100}$.

On the levy of 1884—present basis $245,898,311—the total collections amount to $99\frac{99}{100}$ per cent.

On the levy of 1885—present basis $249,163,402—the total collections amount to $99\frac{96}{100}$ per cent.

On the levy of 1886—present basis $251,553,221—the total collections amount to $99\frac{59}{100}$ per cent.

On the levy of 1887—present basis $261,809,849—the total collections amount to $94\frac{71}{100}$ per cent.

On the levy of 1888—present basis $267,516,724—the total collections amount to $71\frac{10}{100}$ per cent.

On the levy of 1888—basis $267,516,724—the collections from May to December 31st, inclusive, amount to $71\frac{10}{100}$ per cent. Deducting amount of *plant* exempt from city taxation, the percentage collected amounts to $71\frac{68}{100}$ per cent.

Table A shows the monthly collections of both City and State taxes for the fiscal year, amounting in the aggregate to $5,260,727\frac{98}{100}$. Of this sum, the City's proportion was $4,846,431\frac{65}{100}$, and the State's $414,-296\frac{33}{100}$.

Table B shows the bases of the various levies on which collections have been made during the past year, with the amounts collected on each levy; also the gross amount received for opening, closing and widening streets, for paving streets, &c.

By this table it will be seen that there has been collected:

| | |
|---|---|
| On account of taxes in arrears | $1,011,989 02 |
| On account of levy of 1888 | 3,614,046 64 |
| For opening, closing and widening streets, | 151,434 97 |
| For paving | 64,011 52 |
| For numbering houses, account of 1887.. | 4,949 50 |
| Total | $4,846,431 65 |

Table C shows the rate of tax per one hundred dollars, and the various items of the several levies, from 1884 to 1888, inclusive.

Table D is an exhibit of the monthly receipts on the several levies from 1881 to 1888, inclusive; also of receipts for opening, closing and widening streets, and for paving streets and alleys.

Table E exhibits the amounts collected during the past year, in accordance with rates as stated in Table C, divided into separate items forming each levy; also the amount of interest received from accounts in arrears, and the amount of discount allowed for prompt payment of current taxes.

Table F shows the bases, the basis collected upon within each year, on levies of the years 1883 to 1888, inclusive, to December 31st, of each year; also the levy of 1888, from date of levy to December 31, 1888, and on levy of 1887 to December 31, 1888.

Table G shows the percentage collected monthly, from January 1st, 1888, to May, 1888, on the levy of 1887, and on the levy of 1888, to December 31, 1888, inclusive.

Table H shows the receipts for opening and widening streets and alleys during the year, amounting to $151,434\frac{97}{100}$.

Table I gives a detailed account of receipts for paving streets and alleys during the year, amounting to $\$64,011\frac{25}{100}$.

It will be seen by these exhibits that the amount of collections of *taxes in arrear* has not come up to the estimate made by the Ways and Means Committee, nor to the proportion collected in 1887. This is to some extent attributable to an ordinance passed by the last City Council, extending the payment of taxes of 1886 and 1887, to January, 1889, which, although it did not become a law, yet practically had the effect that its enactment would have produced. The ordinance was in the nature of a *stay law*, the policy of which has been found to be doubtful, even in times of great business depression.

The rate of discounts allowed for the prompt payment of current taxes has worked well, and its continuance is recommended.

I must again call your attention to the necessity of securing, as soon as practicable, a new general assessment of the real and personal property in the City. The assessment of real property in notoriously inequitable, and cannot be properly adjusted except by a general assessment under legislative authority. The constant and multifarious changes in ownership of personal property in a large commercial city, require the incessant labors of a properly constituted board of assessors. The reference of these duties to the bailiffs of this department, although productive of some good results, is, however, both partial and inefficient.

In view of the large accession of territory acquired

by the City, the business of this office will be enormously increased, and the more so in consequence of the conditions upon which that addition has been secured.

The rate of taxation being different from that obtaining on other City property, will make it necessary to keep an entire separate set of books for those accounts, involving probably two additional ledger clerks, one bookkeeper, one cashier, and certainly two and perhaps three, more bailiffs. Instead, however, of a cashier, I think it would be to the interest of the City to create the office of Assistant Deputy Collector, with authority to receipt bills, &c., and who could then discharge the duties of a cashier as well as discharge other duties that would hardly come within the functions of a cashier. Such a position will require an intelligent and accomplished officer, and if possible should be as near a "fixture" in the office as may be permissible. His bond should be not less than that of the Deputy Collector, as their responsibilities would be coequal.

Again, every available space within the rooms assigned to the Tax Department is already overcrowded, and it will be *imperatively* necessary to secure more room for the additional force to be employed. The only room in the City Hall that is admirably adapted to the uses of this office, and at the same time furnishing sufficient accommodation to the taxpayers, is the room known as the "Armory." The objection to this is the fact that

it is in the third story of the building, and it would therefore be necessary to provide first-class elevators, whose capacity should be sufficient to carry three thousand people within six hours.

Another proposition is to cover and fit up the area in the south wing, for the uses of the Department. Third and lastly, by securing the rooms now occupied by the School Board. By removing the vaults in the room now occupied by the bookkeepers, a room sufficiently large for the cashiers could be secured, and would, under this arrangement, be convenient to the tax-payers, both of current and over-due taxes.

As the subject is a complicated one, and one necessarily involving very considerable expense, I would suggest the appointment of a joint committee of the two Branches, who, together with the Mayor, should look into the whole matter and determine what had best be done. I beg further to state that whatever is undertaken should be completed by the first of April at the latest, as our heavy work begins about that time.

I take great pleasure in stating that, with the co-operation of the experienced and intelligent aid connected with me in this Department, its operations have been entirely harmonious and, I trust, reasonably successful.

In conclusion, I desire to return my heartfelt thanks

for the cordial co-operation of the Mayor, the gentlemen of the Legislative Department of the City, and to those in the other departments having relations with this.

All of which is respectfully submitted.

I have the honor to be,

Your obedient servant,

L. N. HOPKINS,

*City Collector.*

# TABLES.

## TABLE A.

*Total City and State Taxes received from January* 1, 1888, *to December* 31, 1888, *inclusive.*

| 1888. | CITY. | STATE. | TOTAL. |
|---|---|---|---|
| January . . . | $565,447 73 | $60,027 32 | $625,475 05 |
| February . . | 133,810 84 | 11,821 99 | 145,632 83 |
| March . . . . . | 86,939 83 | 4,162 61 | 91,102 44 |
| April . . . . . | 43,868 11 | 3,308 09 | 47,176 20 |
| May . . . . . | 1,291,212 35 | 86,590 85 | 1,377,803 20 |
| June . . . . . | 1,228,840 84 | 95,066 87 | 1,323,907 71 |
| July . . . . . | 209,038 82 | 18,982 24 | 228,021 06 |
| August . . . . | 160,813 08 | 28,298 77 | 189,111 85 |
| September . | 183,910 82 | 16,338 29 | 200,249 11 |
| October . . . | 220,537 53 | 26,733 45 | 247,270 98 |
| November. . | 247,612 34 | 38,534 85 | 286,147 19 |
| December . . | 474,399 36 | 24,431 00 | 498,830 36 |
| | $4,846,431 65 | $414,296 33 | $5,260,727 98 |

## TABLE B.

*Recapitulation of Taxes collected from January* 1, 1888, *to December* 31, 1888, *inclusive.*

| | Basis. | Rate per $100. | Tax. | Discount. | Net Cash. | Interest. | Total, including Interest and Discount. |
|---|---|---|---|---|---|---|---|
| 1881 to 1883..... | $1,917,816 | .... | $27,139 94 | ..... | $27,139 94 | $8,335 81 | $35,475 75 |
| 1884. | | | | | | | |
| Real..... | 20,074 | 160 | 321 18 | ..... | 321 18 | 58 62 | 379 80 |
| Personal. | 78,864 | 160 | 1,261 81 | ..... | 1,261 81 | 345 39 | 1,607 20 |
| 1885. | | | | | | | |
| Real..... | 186,973 | 160 | 2,991 55 | ..... | 2,991 55 | 400 09 | 3,391 64 |
| Personal. | 177,933 | 160 | 2,846 91 | ..... | 2,846 91 | 403 15 | 3,250 06 |
| 1886. | | | | | | | |
| Real..... | 3,797,068 | 170 | 64,550 13 | ..... | 64,550 13 | 5,245 31 | 69,795 44 |
| Personal. | 727,988 | 170 | 12,375 77 | ..... | 12,375 77 | 1,161 84 | 13,537 61 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1887. | | | | | | | |
| Real..... | 49,068,888 | 160 | 785,102 18 | ..... | 785,102 18 | 8,045 86 | 793,148 04 |
| Personal. | 5,682,131 | 160 | 90,914 07 | ..... | 90,914 07 | 489 41 | 91,403 48 |
| | $61,657,735 | | | | $987,503 54 | $24,485 48 | $1,011,989 02 |
| 1888. | | | | | | | |
| Real..... | 140,034,190 | 190 | 2,660,649 59 | $55,271 59 | 2,605,378 00 | | 2,660,649 59 |
| Personal. | 50,178,793 | 190 | 953,397 05 | 48,930 21 | 904,466 84 | | 953,397 05 |
| | $190,212,983 | | | $104,201 80 | $4,497,348 38 | $24,485 48 | $4,626,035 66 |
| | 251,870,718 | | | | | | |

| | |
|---|---|
| Opening and widening streets and alleys | 151,434 97 |
| Paving streets and alleys | 64,011 52 |
| New numbers | 4,949 50 |
| | $4,846,431 65 |

## TABLE C.

*Rate of Tax per Hundred Dollars.*

| | 1884 | 1885 | 1886 | 1887 | 1888 |
|---|---|---|---|---|---|
| Police Department | 26 | 24 | 28 | 27 | 27 |
| Certain Expenses | 9 | 9 | 9 | 8 | 9 |
| Public Schools | 19 | 23 | 23 | 23 | 24 |
| City Poor | 7 | 9 | 8 | 9 | 9 |
| City Direct | 64 | 61 | 69 | 56 | 66 |
| Miscellaneous Stock | 31 | 27 | 27 | 27 | 40 |
| Opening Streets | 1 | 5 | 4 | 8 | 13 |
| Water Tax | 3 | 2 | 2 | 2 | 2 |
| | 160 | 160 | 170 | 160 | 190 |

## TABLE D.

*Monthly Receipts of Taxes on the several Levies from* 1881 *to* 1888, *inclusive, for Opening, Closing and Widening Streets and Alleys, and for Paving Streets and Alleys from January* 1, 1888, *to December* 31, 1888, *inclusive.*

| | Numbers. | 1881–1883. | 1884. | 1885. | 1886. | 1887. | 1888. | Opening Str'ts | Paving Str'ts | Total. |
|---|---|---|---|---|---|---|---|---|---|---|
| January | $2,682 50 | ..... | $257 85 | $1,032 33 | $17,566 76 | $526,056 42 | ..... | $10,795 42 | $7,056 45 | $565,447 73 |
| February | 605 50 | ..... | 731 05 | 1,500 77 | 8,655 90 | 93,097 93 | ..... | 23,130 74 | 6,088 95 | 133,810 84 |
| March | 174 75 | $34,947 91 | 145 10 | 523 47 | 9,866 38 | 26,618 06 | ..... | 6,358 64 | 8,305 52 | 86,939 83 |
| April | 158 25 | ..... | ..... | 844 39 | 6,119 68 | 23,316 68 | ..... | 1,943 30 | 11,485 81 | 43,868 11 |
| May | 170 75 | ..... | 33 40 | 557 46 | 3,890 61 | 29,003 09 | $1,245,284 79 | 8,724 94 | 3,547 31 | 1,291,212 35 |
| June | 166 50 | ..... | ..... | 993 53 | 5,069 49 | 28,345 57 | 1,151,073 53 | 32,562 89 | 10,629 33 | 1,228,840 84 |
| July | 164 25 | ..... | ..... | 51 52 | 3,519 56 | 27,802 77 | 149,495 41 | 25,214 41 | 2,790 90 | 209,038 82 |
| August | 175 75 | ..... | ..... | 43 21 | 1,664 91 | 27,707 90 | 122,792 65 | 7,652 16 | 776 50 | 160,813 08 |
| September | 276 75 | ..... | ..... | 60 74 | 2,698 68 | 42,309 73 | 131,574 82 | 5,708 62 | 1,281 48 | 183,910 82 |
| October | 169 25 | 527 84 | 753 79 | 413 19 | 2,722 98 | 25,927 44 | 166,880 36 | 19,180 14 | 3,962 54 | 220,537 53 |
| November | 104 50 | ..... | 65 81 | 210 15 | 8,839 56 | 17,312 92 | 208,324 07 | 9,234 46 | 3,520 87 | 247,612 34 |
| December | 100 75 | ..... | ..... | 410 94 | 12,718 54 | 17,053 01 | 438,621 01 | 929 25 | 4,565 86 | 474,399 36 |
| | $4,949 50 | $35,475 75 | $1,987 00 | $6,641 70 | $83,333 05 | $884,551 52 | $3,614,046 64 | $151,434 97 | $64,011 52 | $4,846,431 65 |

## TABLE E.

*Division of Taxes received from January* 1, 1888, *to December* 31, 1888, *inclusive.*

| | 1881–1883 | 1884. | 1885. | 1886. | 1887. | 1888. | TOTAL. |
|---|---|---|---|---|---|---|---|
| Police Department | $4,479 10 | $257 24 | $875 79 | $12,670 13 | $147,827 76 | $498,767 42 | $664,877 44 |
| Certain Expenses | 1,657 88 | 89 05 | 328 42 | 4,072 53 | 43,800 79 | 166,255 81 | 216,204 48 |
| Public Schools | 3,263 55 | 187 99 | 839 26 | 10,407 65 | 125,927 33 | 443,348 81 | 583,974 59 |
| City Poor | 1,469 34 | 69 25 | 328 42 | 3,620 04 | 49,275 92 | 166,255 81 | 221,018 78 |
| City Direct | 10,621 10 | 633 20 | 2,225 93 | 31,222 87 | 306,605 71 | 1,219,209 32 | 1,570,518 13 |
| Miscellaneous Stock | 5,382 54 | 306 71 | 985 22 | 12,217 64 | 147,827 76 | 738,914 71 | 905,634 58 |
| Opening Streets | 266 43 | 9 88 | 182 48 | 1,810 03 | 43,800 79 | 240,147 25 | 286,216 86 |
| Water Tax | ..... | 29 67 | 72 94 | 905 01 | 10,950 19 | 36,945 71 | 48,903 52 |
| | $27,139 94 | $1,582 99 | $5,838 46 | $76,925 90 | $876,016 25 | $3,509,844 84 | $4,497,348 38 |
| Interest | 8,335 81 | 404 01 | 803 24 | 6,407 15 | 8,535 27 | ..... | 24,485 48 |
| Discount | ..... | ..... | ..... | ..... | ..... | 104,201 80 | 104,201 80 |
| | $35,475 75 | $1,987 00 | $6,641 70 | $83,333 05 | $884,551 52 | $3,614,046 64 | $4,626,035 66 |
| Opening and Widening Streets and Alleys | ..... | ..... | ..... | ..... | ..... | ..... | 151,434 97 |
| Paving Streets and Alleys | ..... | ..... | ..... | ..... | ..... | ..... | 64,011 52 |
| New Numbers | ..... | ..... | ..... | ..... | ..... | ..... | 4,949 50 |
| | | | | | | | $4,846,431 65 |

## TABLE F.

Of Percentage collected within the year on Levy of 1883, to December 31, 1887; also on Levy of 1888, from date of Levy to December 31, 1888; also on Basis of 1887, to December.

| YEAR. | BASIS. | BASIS COLLECTED UPON | PER CENT. |
|---|---|---|---|
| 1883 | $248,803,232 | $177,734,776 | 71.43 |
| 1884 | 249,651,699 | 179,065,070 | 71.73 |
| 1885 | 253,913,271 | 185,235,624 | 72.95 |
| 1886 | 256,240,655 | 187,918,451 | 73.33 |
| 1887 | 265,559,952 | 195,733,826 | 73.71 |
| 1888, to Dec. 31, 1888. | 267,516,724 | 190,212,983 | 71.10 |
| 1887, to Dec. 31, 1888. | 261,809,849 | 250,484,845 | 94.71 |

## TABLE G.

**Showing the Percentage collected monthly from January 1, 1888, to May, 1888, on Levy of 1887; and on Levy of 1888, from May to December 31, 1888, inclusive.**

| BASIS. | MONTHS. | BASIS COLLECTED UPON | PER CENT. |
|---|---|---|---|
| 1887. $261,809,849 | January | $32,878,526 | 12.56 |
| | February | 5,789,674 | 2.21 |
| | March | 1,647,158 | .63 |
| | April | 1,435,756 | .54 |
| 1888. $267,516,724 | May | $65,541,305 | 24.50 |
| | June | 60,582,817 | 22.65 |
| | July | 7,868,180 | 2.94 |
| | August | 6,462,771 | 2.42 |
| | September | 6,924,991 | 2.59 |
| | October | 8,783,177 | 3.28 |
| | November | 10,964,425 | 4.09 |
| | December | 23,085,317 | 8.63 |
| | | $190,212,983 | 71.10 |

| | | |
|---|---|---|
| Basis, December 31, 1888 | | $267,516,724 |
| Less Plant exemption | $1,565,801 | |
| Less Plant Gas Companies | 602,780 | |
| | | 2,168,581 |
| | | $265,348,143 |

Amount collected on $190,212,724, equal to 71.68 per cent.

## TABLE H.

Summary of Receipts for Opening and Widening Streets and Alleys, from January 1, 1888, to December 31, 1888, inclusive.

| | | |
|---|---|---|
| Opening | Calhoun street | $ 3,823 01 |
| " | Robert street | 7,874 71 |
| " | Cannon street | 24,715 21 |
| " | Monroe street | 3,802 46 |
| " | East street | 6,669 67 |
| " | Hope street | 2,929 00 |
| " | Clement street | 581 09 |
| " | McComas street | 5,104 75 |
| " | Jephson street | 6,451 00 |
| " | Wicomico street | 2,822 87 |
| " | Wilcox street | 10 66 |
| " | Exeter street | 1,318 68 |
| " | Preston street | 1,400 00 |
| " | Hoffman street | 1,483 57 |
| " | Donaldson street | 9,558 00 |
| " | Oliver street | 116 31 |
| " | Dallas street | 602 50 |
| " | Clarkson street | 988 37 |
| " | Mt. Royal avenue | 59,301 22 |
| " | Patterson Park avenue | 4,044 96 |
| " | Harlem avenue | 1,021 13 |
| " | Collington avenue | 2,742 85 |
| " | Beverlin street | 1 75 |
| Widening | Fulton avenue | 3,867 50 |
| " | Orleans street | 203 70 |
| | | $151,434 97 |

## TABLE I.

Summary of Receipts for Paving Streets and Alleys, from January 1, 1888, to December 31, 1888, inclusive.

| | | |
|---|---|---|
| Paving Calhoun street | | $ 108 51 |
| " Bethel street | | 127 36 |
| " Fayette street | | 62 68 |
| " McHenry street | | 173 42 |
| " Lanvale street | | 6,003 21 |
| " Oliver street | | 723 40 |
| " Franklin street | | 803 46 |
| " Gay street | | 13,178 66 |
| " Chester street | | 8,336 14 |
| " Biddle street | | 639 41 |
| " Orleans street | | 2,486 17 |
| " Lexington street | | 683 49 |
| " Eutaw street | | 827 16 |
| " Hoffman street | | 559 88 |
| " Baltimore street | | 58 52 |
| " Ostend street | | 2,698 54 |
| " North street | | 25 74 |
| " Holbrooke street | | 75 57 |
| " Smallwood street | | 801 69 |
| " Box alley | | 1,196 71 |
| " Fulton avenue | | 6,400 88 |
| " Edmundson avenue | | 9,456 85 |
| " North avenue | | 3,840 51 |
| | | $59,267 96 |
| Interest | | 4,743 56 |
| | | $64,011 52 |

# ANNUAL REPORT

—OF THE—

# INSPECTOR OF BUILDINGS,

—OF THE—

## CITY OF BALTIMORE,

—TO THE—

## Mayor and City Council of Baltimore,

—FOR THE—

Fiscal Year Ending December 31, 1888.

# REPORT.

OFFICE OF INSPECTOR OF BUILDINGS,

BALTIMORE, MD., December 31st, 1888.

*To the Honorable the Mayor*
*and City Council of Baltimore.*

GENTLEMEN:

I have the honor to submit the following report of the operations of this Department, for the year ending December 31st, 1888.

## NEW SCHOOL HOUSES.

Since my last report two new school houses have been completed and handed over to the Honorables the Mayor and Board of School Commissioners.

### *No. 8 Male and Female Primary,*

Situated on the east side of south Caroline street, between Lombard and Pratt, contains fourteen class rooms, five teachers', book, hat and coat rooms, and two slate stairways; it affords accommodation for upwards of 800 children, is well ventilated and has

spacious play-grounds in the rear ; the school has been occupied since the commencement of the fall session.

The contractor was Mr. Jas. H. McAfee, and the building was erected within the appropriation, which was $18,000, provided by Ordinance No. 19.

*No. 1 Colored High and Grammar School, Saratoga Street near Charles.*

This house was erected in accordance with Ordinance No. 17. It is a large three-story building, containing twenty-four class rooms, and eight other rooms for the accommodation of teachers, etc.

Three large stairways, all running up to the third floor, and abundant means of exit are provided, and careful attention was paid to ventilation. This school will accomodate 1,200 children; it is one of the largest in the City, and substantially built—within the amount appropriated. The contractor was Mr. Chas. Dunn, and the school is now occupied, having been placed in the possession of the Honorables, the Mayor and School Commissioners, November 10th, 1888.

*No. 21 Grammar School, Gilmor and Presstman Sts.*

The addition to this school house, although satisfactorily completed last year, the final payments were not provided for by Resolution No. 48 until this year. The accounts have been adjusted and the balance due the contractor paid.

*No. 2 Grammar School, Broadway and Bank St.*

As directed by Ordinance No. 11, a new school house is being erected on the site of the old one, and is now under roof. It is a large two-story building, with twenty class rooms, and the necessary conveniences for teachers and scholars. Two large stairways and a balcony or fire-escape, on one side of the building, afford ample means of exit. An innovation from the general run of our school houses was made in this building by substituting brick and solid partition walls for the glazed partitions usually provided; this affords greater protection from fire, and, I trust, will be found equally convenient and comfortable for the occupants.

Smead's warming, ventilating and closet system has been adopted in this house, and in a few months a practical test of the merits of this system will be afforded.

The contract for the building was awarded Mr. Jas. B. Yeatman, and the time allowed for the completion expires July 1st, 1889; there is every prospect of the building being satisfactorily completed before that time, and within the amount ($30,000) appropriated.

*No. 9 Colored Primary School, Carrollton and Riggs Avenues.*

Owing to delay in securing a suitable site for the school within the bounds prescribed by the Ordinance, the contract was not awarded until December 22d, 1888.

The plans provide for a substantial house, with twelve class rooms, suitable conveniences for teachers and scholars, and two spacious stairways, with ample means of exit. This school will also have brick or solid partition walls, and will be well ventilated. It will accommodate upwards of 700 children, and will be ready for occupancy before the September session, 1889. Large play grounds will surround the school house on three sides. Ordinance No. 13, authorizing the erection of this house, appropriates $18,000 for the purpose.

I am constrained to ask for a further appropriation for this building on account of the extra depth of the foundations, the faulty nature of the ground requiring an excavation of about twelve feet to secure a solid bottom.

### REPAIRS OF PUBLIC SCHOOL HOUSES.

Repairs to school buildings have been made wherever necessary ; new fences erected, old ones repaired, and yards repaved where needful. Twenty-five school houses received two coats of paint, and the roofs of twenty-eight were repainted.

The well of No. 2 Primary School was drained, as directed by Resolution No. 75, and the wells of nine other schools that were choked and had become offensive were also drained.

The alley in rear of No. 8 Grammar School was graded and paved, and a retaining wall built. A new glazed partition was also erected in this school house.

In accordance with Resolution No. 93, the wood girders in No. 18 Grammar School, on account of their dangerous proximity to the furnaces, were removed and replaced with rolled iron beams.

*Ceilings of School Houses.*

During the last twelve months fifty-six dangerous plaster ceilings have been removed and replaced with wood.

I would respectfully advise the continuance of this necessary appropriation until this danger is entirely averted.

There still remain about five hundred plaster ceilings in our school houses, and the danger increases the longer they are allowed to remain.

ENGINE HOUSES.

*No. 14 Engine House, Hollins near Monroe St.*

This new house was completed and has been occupied by the Fire Department since last July. It is one of the best built and most convenient houses in the Department.

*No. 6 Truck House, Hanover and Ostend Sts.*

This house was completed February last and is now occupied by the Department.

An illuminated clock has been placed in the tower of

No. 6 Engine House, Gay street, according to Resolution No. 45. It is much appreciated in that section of the City.

The well of No. 9 Engine house was drained, as directed by Resolution No. 14.

At No. 3 Engine House a portion of wall was found dangerous, and was taken down and rebuilt. A granolithic pavement was also laid in front of this house.

A hose tower was erected at No. 10 Engine House.

Extra sliding poles were placed in Nos. 1 and 8 Engine Houses; the latter also had a granolithic pavement laid at front.

All houses occupied by the Fire Department are in good order (except a dangerous wall at No. 10, to rebuild which I have asked for an appropriation).

Prompt attention is given to the almost constant call for repairs, on account of the heavy wear and tear of the floors by the horses and heavy trucks. Several houses and roofs have been repainted, and all needed repairs executed.

MARKET HOUSES.

Several roofs of market houses have been repainted, the interiors whitewashed where needful, and all necessary repairs have received due attention.

## BALTIMORE CITY JAIL.

By Resolution No. 11, $6,000 was appropriated for re-slating this building and putting in new sash and frames in lieu of old ones, which were very dilapidated. This work has been accomplished, all the old valleys and flashings being replaced with copper. New pavements were laid on Madison and Buren streets, and other repairs executed. The building is now in good condition.

## CITY HALL

Several rooms have been neatly frescoed ; the front marble steps were cleaned and caulked, and a new wood covering provided.

In my previous reports I have called attention to the necessity of removing the water closets from the interior of this building and substituting others in the court yard, accessible from each story of the Hall. I again earnestly recommend the adoption of this desirable improvement. Our present closets are very defective, badly ventilated, and the sanitary arrangements very imperfect. They have been denounced by the Health Department, and are a source of considerable annoyance and expense.

## COURT HOUSES.

New vestibules and doors have been placed to the outer Criminal Court doors, and all necessary repairs to this and the other courts received attention.

I was directed by Ordinance No. 3 to purchase the furniture, and make the necessary alterations to the rooms in the Clayton building, now occupied by Circuit Court No. 2; this has been accomplished to the satisfaction of the Court.

I would respectfully suggest the advisability of the Council securing possession, (if possible) of the materials in the United States Court House, about to be torn down. It will be a considerable help in the erection of the additions to our Court House, necessary for the increased accomodation required for the Record Office, and the several Courts now occupying other buildings.

### FIFTH REGIMENT ARMORY.

The $1,000 appropriated by Resolution No. 16 for the building was expended in frescoing several rooms, furnishing new apparatus to the water closets, and in general repairs.

### HOWARD ZOUAVES' ARMORY.

A two-story brick addition was added to this building, as directed by Resolution No. 125. It has given general satisfaction to the members of this Company.

### CESSPOOLS.

The cesspools have been well cleaned during the year. Several were drained, and water connections made to cleanse and purify the privy vaults.

### DOG POUND.

Received all attention due in the way of repairs and whitewashing.

### THE ANNEX.

Nine school and seven engine houses came under the supervision of this Department in June last, and $1,500 appropriated by Resolution No. 84 for repairs, etc., to same. This sum was expended where most needed, and to the best of my judgment.

I would respectfully suggest in connection with the Annex that the decimal system of numbering dwellings, etc., as at present existing in the City, be extended to the new portion of the City. The sooner this is done the less annoyance and confusion will its adoption create.

### BUILDING LAWS.

A Code of Building Laws has been prepared with much careful consideration by the Master Builders and Architects Associations of this City, and will shortly be presented to your Honorable Bodies for consideration. I cannot too strenuously urge the adoption of some such code for this City. I deem it imperatively necessary for the safety and protection of our citizens that regulations for the construction and strict inspection of all new buildings be adopted.

### PERMITS FOR SHEDS, ETC.

I wish respectfully to urge upon your Honorable Bodies the necessity of abstaining from granting permits for the erection of sheds, bay-windows and other structures to persons who have not applied for same to this Department.

Most of these permits can be readily obtained at this office by the payment of the usual fees, which are generally trifling in amount, compared with the cost to the taxpayers of passing such permits through the Council.

### DANGEROUS WALLS, ETC.

During the past year I have inspected and condemned, or ordered to be repaired and made secure, about two hundred and twenty-one dangerous walls, besides issuing two hundred and ninety-five notices for repairs to spouts, cornices, chimneys, etc.

### FIRE ESCAPES.

I have visited all factories, warehouses and other buildings to which my attention has been called, and have issued notices from this office for fire escapes to be erected wherever in my judgment they were needed

The tables accompanying this report will show :

A. The amount of appropriations and disbursements of this Department during the year 1888.

B. The revenues of this office for the same period.

C. The estimate of the amounts required for this Department for the year 1889.

To all which I beg respectfully to call your attention.

J. THEODORE OSTER,
*Inspector of Buildings.*

# TABLES.

## TABLE A.

Showing the amount of appropriations for this Department for the year 1888, and the amounts disbursed.

| OBJECT OF APPROPRIATION. | APPROPRIATED. | EXPENDED. | BALANCES. |
|---|---|---|---|
| For repairs of public school houses | $10,000 00 | $ 9,989 05 | $ 10 95 |
| " " of City property | 22,000 00 | 21,997 03 | 2 97 |
| " substituting wood for plaster ceilings | 3,000 00 | 3,000 00 | ..... |
| " emptying cesspools | 1,500 00 | 1,215 00 | 285 00 |
| " painting school houses | 5,000 00 | 5,000 00 | ..... |
| " incidental expenses and livery | 700 00 | 700 00 | ..... |
| " Salaries | 5,500 00 | 5,500 00 | ..... |
| " building Col'd High & Grammar School | 25,000 00 | 24,989 00 | 11 00 |
| " completion of No. 6 Truck House | 1,907 19 | 1,899 00 | 8 19 |
| " completion of Primary School No. 8 | 9,000 00 | 9,000 00 | ..... |
| " completion of Engine House No. 14 | 9,700 00 | 9,694 00 | 6 00 |
| " completion of the addition to Grammar School No. 21 | 4,068 13 | 4,068 13 | ..... |
| " re-slating the roof of City Jail | 6,000 00 | 5,996 75 | 3 25 |
| " building Grammar School No. 2 | 15,000 00 | 15,000 00 | ..... |
| " laying drain pipe No. 9 Engine House | 800 00 | 716 25 | 83 75 |
| " repairs at 5th Regiment Armory | 1,000 00 | 999 63 | 37 |

| | | | |
|---|---|---|---|
| For improvements at No. 8 Grammar School. | 900 00 | 900 00 | ..... |
| " sanitary improvements..... | 3,000 00 | 2,989 33 | 10 67 |
| " draining cellar of No. 2 Primary School. | 275 00 | 260 00 | 15 00 |
| " repairs at No. 7 Engine House..... | 250 00 | 243 85 | 6 15 |
| " repairs at No. 18 Grammar School..... | 250 00 | 242 00 | 8 00 |
| " cleaning City Hall steps..... | 150 00 | 150 00 | ..... |
| " illuminated clock at No. 6 Engine House. | 900 00 | 895 43 | 4 57 |
| " addition to Armory Howard Zouaves.... | 1,000 00 | 1,000 00 | ..... |
| " erection of colored school, West Baltimore | 9,000 00 | 4,470 34 | 4,529 66 |
| " repairs to school and engine houses in the Annex..... | 1,500 00 | 1,500 00 | ..... |
| " furnishing Circuit Court No. 2..... | 1,000 00 | 1,000 00 | ..... |
| Total ..... | $138,400 32 | $133,414 79 | $4,985 53 |

## TABLE B.

Showing the Revenues of this Office for the year 1888.

| | | |
|---|---|---|
| Permits issued as follows: | | |
| For 11 bay-windows from the ground | $1,100 00 | |
| For 75 bay-windows at upper stories | 750 00 | |
| For 1,047 frame sheds | 2,167 35 | |
| For 206 additions to sheds | 253 94 | |
| For old materials | 42 63 | |
| For 425 bath rooms since May 1. | 425 00 | |
| | | $4,738 92 |
| Amount received for advertising applications | $1,760 00 | |
| Paid for same | 1,248 65 | |
| | | 511 35 |
| Net revenue | | $5,250 27 |

## TABLE C.

*Showing the amount required for this Department for the year* 1889.

| | | |
|---|---|---|
| For the repairs of City Property: | | |
| For Engine Houses | $7,000 00 | |
| " City Jail | 3,000 00 | |
| " City Hall | 5,000 00 | |
| " Market Houses | 3,500 00 | |
| " Court Houses | 3,000 00 | |
| " Dog pound and other property | 500 00 | |
| | | $22,000 00 |
| For repairs of Public Schools: | | |
| For repairs | $10,000 00 | |
| " painting schools | 5,000 00 | |
| " sanitary improvements | 3,000 00 | |
| " substituting wood for plaster ceilings | 3,000 00 | |
| " emptying cesspools | 1,500 00 | |
| " incidentals | 100 00 | |
| " livery of two horses and repairs to wagons | 600 00 | |
| " salaries | 5,500 00 | |
| " the completion of No. 2 Grammar School | 15,000 00 | |
| Amount carried forward | $43,700 00 | $22,000 00 |

| | | |
|---|---|---|
| Amount brought forward.... | $43,700 00 | $22,000 00 |
| For the completion of No. 9 Colored Primary School..... | 15,140 00 | |
| " repairs to school and engine houses in the annexed portion of the City..... | 9,000 00 | |
| " rebuilding dangerous wall and new floor at No. 10, and changing stalls at No. 3 Engine Houses..... | 2,300 00 | |
| " extra out door help during busy season..... | 500 00 | |
| | | $70,640 00 |
| Total ..... | | $92,640 00 |

# ANNUAL REPORT

OF THE

# Trustees of the Poor

OF THE

## CITY OF BALTIMORE

TO THE

## MAYOR AND CITY COUNCIL OF BALTIMORE,

FOR THE

Fiscal Year Ending December 31st, 1888.

# OFFICERS OF THE INSTITUTION.

## BOARD OF TRUSTEES:

JOSEPH FRIEDENWALD, *President.*

JOHN BLACK, *Secretary.*
SIMON I. KEMP,
GEORGE A. BLAKE,
JOHN J. HOFFMAN,
ADOLPH MARTINI,
JACOB PAPPLER.

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JOHN F. STONE ..... Superintendent.
JOHN M. McELROY ..... Purveyor.
JOHN R. HAMMETT ..... Clerk and Storekeeper.
SUSANNA McCAHAN ..... Matron.
WILLIAM KAISER ..... Engineer.
JAMES J. FARRALL ..... Assistant Engineer.
JOHN F. BARRANGER ..... Gardener.
THOMAS CONNOR ..... Messenger.
CHARLES JONES ..... Baker.

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## MEDICAL DEPARTMENT:

DR. N. T. CARSWELL ..... Resident Physician.
DR. A. C. HARRISON ..... " "
DR. WM. E. RAMSAY ..... Resident Physician for Insane Department.
DR. C. L. SOMMERS ..... Assistant.
JUSTUS V. STEHL ..... Apothecary.

# REPORT.

BAY VIEW ASYLUM, December 31, 1888.

*To the Honorable the Mayor*
*and City Council of Baltimore.*

GENTLEMEN :

We have the honor to present you with our annual report, comprising a detailed statement of the entire management of this charitable institution, the labors and responsibilities of which, under a progressive and humane administration, have been improved and enlarged, so as to fully meet the requirement and necessity in administrating this public charity, all of which naturally accrues to the benefit of the unfortunate inmates. There can be no doubt that a large and populous city must make provision for those who from mental as well as physical inability are left in the rear in the race for existence.

The experience of all municipalities have long since recognized this fact, and, to a greater or lesser degree, have made such provision as would meet that necessity. In the administration of the charities of this institution we have been actuated by strict economic expenditure,

and exercised humane and charitable regard for those whom poverty has selected as its victim and consigned them to Bay View as a place of rest and recuperation, either permanent or transitory. There seems to be a singular fatality which follows mankind, and by which many swing always at the bottom of Fortune's wheel, and if every special case could be spread before the public, we question much but a warmer sympathy would be felt and expressed towards the unfortunate poor of our city. It must be borne in mind that both the physical and mental strength varies very much indeed in mankind. This, together with the social and moral surroundings, has the effect of making distinct classes—where one lives in comparative ease and wins the respect of his fellow-citizens, the other has a life of continual struggle and disappointments, and as time passes on and their physical and mental strength continues to weaken, they become in due course objects of both private and municipal charity. Taking a philanthropic view on the subject, it becomes a conscientious duty of the Trustees of the Poor, not only to investigate their claims upon the support of the public, but to seek by all means to soothe, with a charitable hand and by kind expressions, their unfortunate conditions.

We are happy to state that this system of kindness has had a good moral effect, and many who were at one time inmates of Bay View Asylum have had their morals so strengthened that they regained their self-respect and were once more enabled to become useful citizens, giving support and comfort to their families.

Many a home has been re-established and many a family have become happy and re-united.

It becomes our duty to call your attention to an evil that has long existed in the City of Baltimore, and of which the public papers have teemed from time to time, viz: the barbarities of the captains of the oyster boats, commonly called oyster dredgers. Your Trustees have used every means within their power to arraign these captains of Chesapeake Bay before the law, and have been greatly assisted by the German Society of Baltimore, and also Judge Morris, who has become interested in bringing these barbarians before the law; but the want of proper jurisdiction and the failure of not having a special vessel armed by Government authority, both State and National, has made most of the efforts futile, and the same atrocious barbarities are committed day after day with impunity. It would be tiresome for us to enumerate the many acts of barbarism and violence to which these unfortunate men are subjected; suffice to say, they become in most cases a total wreck, and forever physically incapacitated for ordinary labor.

Bay View Asylum and other City Hospitals are filled to repletion every winter with these unfortunate men, who are induced by the promise of high pay (which they never get,) to come from various parts of the country, principally New York, and are shipped here to Baltimore, where they enter the service of oyster dredging. When once on board they are never allowed to come on shore again, but are transferred from one vessel to another until they are entirely physically

exhausted, and then are cast either on the shores of Maryland or Virginia, the citizens of which having no hospitals or accommodations, send them to Baltimore to be taken care of.

It presents a heart-rending scene to look at a once able-bodied man so completely wrecked, frost-bitten and abused, that it appeals to common humanity to take charge of these unfortunate men.

We would impress you to use all your efforts to have such law or laws enacted to prevent in the future these atrocious barbarities.

### FARMING OPERATIONS.

We are glad to report that the result of our farm has been entirely satisfactory and has enabled us to supply the inmates of Bay View with abundance of vegetables, and has enabled us to have a large reserve on hand which will, in all probability, last until spring. The entire work has been done by the inmates.

### OLD AND INFIRM—CHRONIC DEPARTMENT.

We state, as a matter of great pleasure, that this department serves in a humanitarian point of view one of the greatest objects of public charity, comprising, as it does, old and worn-out people of both sexes, who, in due course of time, become homeless and friendless. Many a family at one time enjoyed the comforts of their own domicile, and were known and respected among their fellow-neighbors. These, for the most

part, entered the portals of Bay View from sheer want and privation, and not from fault of their own, morally. We look upon this class as quite equal to the average citizen, and it has been the earnest solicitude of the Trustees to make them as comfortable as possible under the surrounding circumstances.

## MEDICAL DEPARTMENT.

We state with satisfaction that since the organization of the present Medical Department (to which we have alluded in our former reports,) continues to meet our full approval. Many important and difficult surgical operations were made during the year. No more skillful medical attendance in any station of life can be had than that which is given to the inmates of Bay View.

The Board of Trustees beg to acknowledge their thanks to the resident physicians, Dr. Carswell, Dr. Harrison, Dr. Ramsay and Dr. Sommers, and to the visiting professors of the University of Maryland, the College of Physicians and Surgeons, and the professors of the Johns Hopkins University, for their faithful and regular attendance.

## INSANE DEPARTMENT.

We refer you to our previous report in reference to the large increase of insanity. It has more than filled this department and is very much overcrowded, necessitating at an early day an additional building, to

which we called your attention in our last report, and would respectfully urge your Honorable Body to take early action upon this matter.

It must be borne in mind that we have received large numbers of city insane patients, both from Spring Grove and Mount Hope. We have at present in the Insane Hospital about 290 inmates, which is more than its capacity was intended for, besides we have a large number in the main house who are of a quiet and orderly disposition.

### RECREATION GROUNDS.

The grounds adjoining the Insane Department, both for male and female, have been beautified and embellished, and add much to the comforts and health of its inmates. They are large and ample, in the centre of which are erected large pavilions to protect the inmates from sun and rain. The trees planted the last few years are in a healthy and thriving condition and will afford in a short time additional shade. The grass plots and flowers are among the notable attractions which meet the eye of the visitor and lends charm to its surroundings. All of this work was done by the inmates of this institution; a large number are still employed to grade and level the space of ground directly west of the Insane Hospital, and when finished will add additional beauty to the site of Bay View Asylum.

## DEATH OF JOHN R. HUDGINS.

We beg to report with sorrow the death of our co-Trustee, John R. Hudgins, in whom we lost a faithful and conscientious co-laborer.

## INMATES.

There were remaining in the institution on December 31st, 1888, 1,304 inmates. There were admitted during the year 2,459. There were born in the institution during the same period 35 children. Making a total of 3,757 who received the benefits of this institution during the year. The average number of inmates during the year, $1,093\frac{1}{12}$.

The amount drawn as per warrants upon the City Comptroller during the year was $79,998.20, less $2,-927.43 received from sundry sources, as per exhibit, and paid into the City treasury under existing City ordinance, reducing the net amount expended by the Trustees for the year ending December 31st, 1888, to $77,070.77, the cost per capita being $\$70.50\frac{76}{100}$.

The number in the asylum at this time is 1,304, of which number 1,124 are white and 180 are colored. Of the 2,459 admitted during the year, 1,302 were born in the United States and 1,163 were of foreign born and 29 unknown. Of the number born in the United States, 502 claim their nativity in the City of Baltimore, 279 were born in the State of Maryland, and 550 claim their nativity in the States of the Union. Of the 35 infants born in the institution, 16 were white and 19 were colored.

## FINANCIAL.

Exhibit No. 1 of this report will show the amount received and the source from whence it was derived during the year, as also the purpose for which it was expended.

The amount of the appropriation made by the City for the support of the institution for the year ending December 31st, 1888, was $80,000. By reference to the aforesaid exhibit, it will be observed that of the amount appropriated, $79,998.20 was drawn from the City treasury and $2,927.43 was paid to the City Register.

The amount drawn from the City treasury has enabled the Trustees to meet and discharge all liabilities incurred by them in the management of the trust confided to them. The Trustees, owing to the increased number of inmates, find it necessary to ask for an appropriation of $90,000 for the year 1889.

The Board tender to all the officers their warmest thanks for their faithful and efficient services during the year.

Respectfully submitted,

JOSEPH FRIEDENWALD,
JOHN BLACK,
SIMON I. KEMP,
GEORGE A. BLAKE,
JOHN J. HOFFMAN,
ADOLPH MARTINI,
JACOB PAPPLER,
*Trustees.*

# TABLES.

## FINANCIAL EXHIBIT FOR 1888.

Showing the amount received by the Trustees during the year terminating December 31st, 1888, the sources from whence derived and the purposes for which disbursements were made, and the amount expended.

| Dr. | | | Cr. | | |
|---|---|---|---|---|---|
| 1888. | | | 1888. | | |
| Dec. 31—To amount received from City Comptroller on account of annual appropriation.. | $79,998 | 20 | Dec. 31—By balance paid for supplies, embracing food, fuel, clothing, bedding and other necessaries ..... | $48,444 | 19 |
| To amount received from sale of bones, grease, barrels and offals ..... | 126 | 10 | By amount expended on farm account, embracing provender for the horses and cows, repair of carriages and wagons and harness, purchases and repairs of farm implements, shoeing animals, and such other expenditures as | | |
| To amount received from inmate boarders. | 1,842 | 35 | | | |
| To amount received from board of resident students..... | 880 | 63 | | | |
| To amount received from sale of medicines..... | 5 | 85 | | | |

| | | | |
|---|---|---|---|
| To amount received from sale of live stock, grain, &c..... | 72 50 | are properly chargeable to farm account. | 3,434 20 |
| | | By amount paid for hospital stores..... | 5,234 04 |
| | | By amount paid for expenses incurred in repairs about the buildings and fences. | 5,687 85 |
| | | By amount paid for salaries and hire account ..... | 16,149 92 |
| | | By amount paid trustees per diem..... | 1,048 00 |
| | | By amount paid City Register as required by ordinance of the city ..... | 2,927 43 |
| | $82,925 63 | | $82,925 63 |

## FINANCIAL EXHIBIT FOR 1888—Continued.

RECAPITULATION.

| | |
|---|---|
| Amount drawn from City Treasurer | $79,998 20 |
| Amount paid City Register | 2,927 43 |
| Actual amount expended | $77,070 77 |
| Average number of inmates | 1,093 1/2 |
| Cost per capita | $70 50 76/100 |

# TABULAR STATEMENT

OF THE

# SUPERINTENDENT,

*MARKED A to M,*

For the Year 1888.

## TABLE A.

Showing the number of persons admitted, born, discharged, eloped and died; also the number remaining at the expiration of each month for year ending December 31st, 1888.

| DATE 1888. | Admitted. | Born. | Discharged. | Eloped. | Bound. | Died. | Remaining. |
|---|---|---|---|---|---|---|---|
| January .... | 272 | .... | 101 | 43 | .... | 24 | 1,367 |
| February ... | 233 | 4 | 138 | 47 | .... | 27 | 1,392 |
| March ..... | 204 | 5 | 137 | 100 | .... | 37 | 1,327 |
| April ..... | 158 | 8 | 221 | 173 | .... | 27 | 1,072 |
| May ..... | 134 | 4 | 199 | 64 | .... | 18 | 929 |
| June..... | 138 | 2 | 102 | 38 | .... | 18 | 911 |
| July ..... | 148 | 2 | 98 | 26 | .... | 29 | 908 |
| August..... | 159 | 1 | 121 | 24 | .... | 33 | 890 |
| September... | 146 | 1 | 79 | 30 | .... | 23 | 905 |
| October..... | 235 | 5 | 100 | 37 | .... | 19 | 989 |
| November .. | 285 | 2 | 91 | 43 | .... | 19 | 1,123 |
| December ... | 347 | 1 | 134 | 16 | .... | 17 | 1,304 |
| Total ..... | 2,459 | 35 | 1,521 | 641 | .... | 291 | 13,117 |

| | |
|---|---|
| On the books December 31, 1887 ..... | 1,263 |
| Total ingress ..... | 2,494 |
| | 3,757 |
| Total egress ..... | 2,453 |
| In the house December 31, 1888 ..... | 1,304 |

## TABLE B.

Showing the Birthplace of persons admitted to the Almshouse from January 1st, 1888, to December 31st, 1888.

| NATIVES. | | FOREIGNERS. | |
|---|---|---|---|
| Almshouse | 41 | Germany | 439 |
| Baltimore | 502 | Ireland | 454 |
| Maryland | 279 | England | 99 |
| Virginia | 108 | Scotland | 39 |
| Pennsylvania | 100 | France | 17 |
| New York | 96 | Belgium | 2 |
| Delaware | 7 | Austria | 4 |
| Dist. of Columbia | 20 | Sweden | 11 |
| Massachusetts | 35 | Bohemia | 11 |
| New Jersey | 13 | Canada | 16 |
| Rhode Island | 13 | Poland | 24 |
| Ohio | 15 | Switzerland | 12 |
| Tennessee | 1 | Italy | 5 |
| Connecticut | 6 | Denmark | 2 |
| South Carolina | 11 | Norway | 5 |
| Missouri | 5 | West Indies | 8 |
| Maine | 3 | Russia | 5 |
| Texas | 2 | East Indies | 2 |
| Kentucky | 9 | Portugal | 1 |
| North Carolina | 8 | Wales | 4 |
| Florida | 3 | Malta | 1 |
| Mississippi | 3 | Hungary | 1 |
| Illinois | 5 | Australia | 1 |
| New Hampshire | 2 | | |
| Georgia | 4 | Foreigners | 1,163 |
| West Virginia | 2 | Natives | 1,331 |
| Alabama | 2 | | |
| Michigan | 1 | | |
| Iowa | 1 | | |
| California | 1 | | |
| Louisiana | 4 | | |
| Unknown | 29 | | |
| | 1,331 | Total | 2,494 |

## TABLE C.

**Showing the Ages of persons admitted to the Almshouse from January 1st, 1888, to December 31st, 1888.**

| | |
|---|---|
| Under 1 year | 44 |
| From 1 to 5 years | 17 |
| " 5 to 10 " | 9 |
| " 10 to 15 " | 4 |
| " 15 to 20 " | 76 |
| " 20 to 30 " | 582 |
| " 30 to 40 " | 595 |
| " 40 to 50 " | 520 |
| " 50 to 60 " | 293 |
| " 60 to 70 " | 217 |
| " 70 to 80 " | 80 |
| " 80 to 90 " | 28 |
| " 90 to 100 " | 2 |
| Unknown | 27 |
| Total | 2,494 |

## TABLE D.

**Showing the Period of Residence in the City of all persons admitted into the Almshouse from January 1st, 1888, to December 31st, 1888.**

| | |
|---|---|
| Born in the Almshouse | 41 |
| Born in Baltimore | 502 |
| Less than one week | 241 |
| One week, and less than one month | 175 |
| One month, and less than three months | 106 |
| Three months, and less than six months | 69 |
| Six months, and less than one year | 88 |
| One year, and less than two years | 150 |
| Over two years | 1,085 |
| Period of residence unknown | 37 |
| Total | 2,494 |

## TABLE E.

Showing the Habits of persons admitted into the Almshouse, from January 1st, 1888, to December 31st, 1888.

| | |
|---|---|
| Intemperate adults | 1,899 |
| Temperate adults | 490 |
| Adults whose habits are unknown | 32 |
| Children of intemperate adults | 17 |
| Children of temperate adults | 52 |
| Children of adults whose habits are unknown, | 4 |
| Total | 2,494 |

## TABLE F.

**Showing the Monthly Average of persons in the Almshouse from January 1st, 1888, to December 31st, 1888.**

| DATE 1888. | WHITE. | | | COLORED. | | | | WHERE FROM. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Men. | Women. | Children. | Men. | Women. | Children. | Total. | City. | Elsewhere. | Total. |
| January | 823 | 314 | 23 | 112 | 91 | 4 | 1,367 | 754 | 613 | 1,367 |
| February | 828 | 318 | 25 | 119 | 98 | 4 | 1,392 | 777 | 615 | 1,392 |
| March | 758 | 320 | 23 | 119 | 100 | 7 | 1,327 | 718 | 609 | 1,327 |
| April | 549 | 298 | 23 | 99 | 98 | 5 | 1,072 | 553 | 519 | 1,072 |
| May | 430 | 295 | 19 | 82 | 101 | 2 | 929 | 463 | 466 | 929 |
| June | 421 | 298 | 19 | 72 | 99 | 2 | 911 | 461 | 450 | 911 |
| July | 428 | 296 | 22 | 74 | 87 | 1 | 908 | 485 | 423 | 908 |
| August | 417 | 296 | 20 | 73 | 83 | 1 | 890 | 455 | 435 | 890 |
| September | 430 | 302 | 20 | 67 | 84 | 2 | 905 | 468 | 437 | 905 |
| October | 509 | 300 | 20 | 69 | 86 | 5 | 989 | 542 | 447 | 989 |
| November | 622 | 312 | 23 | 74 | 85 | 7 | 1,123 | 563 | 560 | 1,123 |
| December | 770 | 329 | 25 | 84 | 89 | 7 | 1,304 | 689 | 615 | 1,304 |
| Total | 6,985 | 3,678 | 262 | 1,044 | 1,101 | 47 | 13,117 | 6,928 | 6,189 | 13,117 |
| Monthly average | $582\frac{1}{12}$ | $306\frac{6}{12}$ | $21\frac{10}{12}$ | 87 | $91\frac{9}{12}$ | $3\frac{11}{12}$ | $1,093\frac{1}{12}$ | $577\frac{4}{12}$ | $515\frac{9}{12}$ | $1093\frac{1}{12}$ |

## TABLE G.

**Showing the Number of persons Committed to the Almshouse by Magistrates, and their age, sex, color and period of commitment from January 1st, 1888, to December 31st, 1888.**

| DATE. 1888. | SEX AND AGE. | | | | | COLOR. | | | PERIOD OF COM'NT. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Males over 21. | Males under 21. | Females over 18. | Females under 18. | Total. | White. | Black. | Total. | Under 3 months. | 3 to 6 months. | 6 months and over. | Total. |
| January | 9 | 1 | 4 | 1 | 15 | 11 | 4 | 15 | 6 | 7 | 2 | 15 |
| February | 5 | .... | .... | .... | 5 | 5 | .... | 5 | 1 | 3 | 1 | 5 |
| March | 8 | .... | 3 | .... | 11 | 7 | 4 | 11 | 4 | 3 | 4 | 11 |
| April | 8 | .... | 2 | .... | 10 | 7 | 3 | 10 | 3 | 4 | 3 | 10 |
| May | 6 | .... | 1 | .... | 7 | 6 | 1 | 7 | 2 | 2 | 3 | 7 |
| June | 3 | .... | 4 | .... | 7 | 5 | 2 | 7 | 1 | 3 | 3 | 7 |
| July | 6 | .... | 4 | .... | 10 | 8 | 2 | 10 | 4 | 1 | 5 | 10 |
| August | 14 | 1 | 2 | .... | 17 | 9 | 8 | 17 | 10 | 3 | 4 | 17 |
| September | 5 | 5 | .... | .... | 10 | 10 | .... | 10 | 3 | 3 | 4 | 10 |
| October | 9 | .... | 3 | 1 | 13 | 11 | 2 | 13 | 3 | 3 | 7 | 13 |
| November | 9 | .... | 2 | .... | 11 | 11 | .... | 11 | 2 | 4 | 5 | 11 |
| December | 8 | .... | 6 | .... | 14 | 10 | 4 | 14 | 6 | 5 | 3 | 14 |
| Total | 90 | 7 | 31 | 2 | 130 | 100 | 30 | 130 | 45 | 41 | 44 | 130 |

## TABLE H.

**Showing the Birthplace of persons committed to the Almshouse as vagrants, &c., by Magistrates from January 1st, 1888, to December 31st, 1888.**

| Natives. | | Foreigners. | |
|---|---|---|---|
| Baltimore | 34 | Germany | 25 |
| Maryland | 19 | Ireland | 17 |
| New York | 4 | Austria | 1 |
| Pennsylvania | 5 | West Indies | 3 |
| Missouri | 1 | England | 2 |
| Massachusetts | 1 | Poland | 2 |
| Dist. of Columbia | 2 | Russia | 1 |
| South Carolina | 1 | Canada | 2 |
| Virginia | 3 | France | 2 |
| Texas | 1 | | |
| Unknown | 4 | | |
| | 75 | Foreigners | 55 |
| | | Natives | 75 |
| | | Total | 130 |

## TABLE I.

**Showing the Work done by Inmates from January 1st, 1888, to December 31st, 1888, and its approximated value.**

| | | |
|---|---|---|
| 22,843 | days labor, at $1.00 | $22,843 00 |
| 1,893 | " washing and ironing, at 50 cts. | 946 50 |
| 2,479 | " carpenters' work, at $1.50 | 3,718 50 |
| 713 | " painting and glazing, at $1.50 | 1,069 50 |
| 313 | " tinners' work, at $1.50 | 469 50 |
| 63 | " bricklaying, at $1.50 | 94 50 |
| 17 | " plastering, at $1.50 | 25 50 |
| 1,302 | " tailoring, at $1.50 | 2,953 00 |
| 730 | " cobblers' work, at $1.50 | 1,095 00 |
| 626 | " blacksmithing, at $1.50 | 939 00 |
| 3,058 | shirts made, at 12 cts | 366 96 |
| 1,423 | undergarments made, at 15 cts | 213 45 |
| 892 | frocks made, at 25 cts | 223 00 |
| 475 | pairs drawers made, at 15 cts | 71 25 |
| 73 | " stockings made, at 20 cts | 14 60 |
| 278 | aprons made, at 5 cts | 13 90 |
| 53 | infant's slips made, at 10 cts | 5 30 |
| 417 | bed ticks made, at 15 cts | 62 55 |
| 976 | pillow cases made, at 15 cts | 146 40 |
| 302 | pillow ticks made, at 5 cts | 15 10 |
| 615 | bed sheets made, at 5 cts | 30 75 |
| 82 | window curtains made, at 10 cts | 8 20 |
| 178 | women's jackets made, at 25 cts | 44 50 |
| 79 | table covers made, at 5 cts | 3 95 |
| 987 | towels made, at 5 cts | 49 35 |
| 235 | slips made, at 20 cts | 47 00 |
| 320 | quilts and spreads made, at $1.00 | 320 00 |
| 46 | mosquito nettings made, at 50 cts | 23 00 |
| | | $35,813 26 |

## TABLE K.

**Showing the Quantity of Clothing issued to the Inmates, from January 1st, 1888, to December 31st, 1888.**

| Date. 1888. | Pairs of Shoes and Slippers. | Shirts. | Pairs of Men's Hose. | Pantaloons. | Vests. | Jackets. | Coats. | Hats. | Aprons. | Flannel Shirts. | Slips. | Dresses. | Women's Stockings. | Drawers. | Under Garments. | Wom's Josies and Jackets. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 30 | 404 | 136 | 64 | 33 | 24 | 41 | ... | 58 | 100 | 22 | 237 | 23 | 189 | 92 | 72 |
| February | 89 | 498 | 142 | 72 | 28 | 26 | 49 | 8 | 38 | 89 | 25 | 198 | 21 | 150 | 95 | 48 |
| March | 80 | 153 | 381 | 80 | 36 | 36 | 38 | 12 | 12 | 24 | ... | 108 | 49 | 123 | 92 | 24 |
| April | 40 | 513 | 97 | 59 | 30 | 12 | 21 | 12 | 46 | 25 | 27 | 57 | 25 | 121 | 148 | 36 |
| May | 111 | 202 | 324 | 57 | 18 | 9 | 21 | 11 | 26 | 24 | 12 | 25 | 18 | 70 | 108 | 30 |
| June | 235 | 112 | 24 | 62 | 5 | 4 | 14 | 24 | 24 | ..... | | 13 | 42 | 34 | 66 | 12 |
| July | 60 | 212 | 26 | 63 | 8 | 4 | 20 | 24 | 14 | ... | 24 | 19 | 25 | 24 | 55 | 36 |
| August | 152 | 69 | 32 | 103 | 32 | 8 | 17 | 10 | ..... | | | 17 | 41 | 27 | 128 | 24 |
| September | 80 | 159 | 56 | 135 | 36 | 20 | 8 | ... | 60 | 25 | 19 | 7 | 60 | 28 | 163 | 48 |
| October | 61 | 313 | 96 | 38 | 21 | 13 | 15 | 12 | 32 | 24 | 26 | 9 | 37 | 38 | 84 | 12 |
| November | 20 | 276 | 110 | 69 | 27 | 20 | 16 | 12 | 27 | 62 | 17 | 9 | 34 | 71 | 125 | 24 |
| December | 61 | 214 | 84 | 112 | 42 | 51 | 43 | 12 | 48 | 69 | 18 | 26 | 60 | 27 | 65 | 32 |
| Totals | 1018 | 3121 | 1508 | 913 | 316 | 227 | 303 | 137 | 285 | 442 | 190 | 725 | 435 | 902 | 1211 | 398 |

## TABLE L.

Showing the Number of Births and Deaths in each Month, also the Sex and Color, from January 1st, 1888, to December 31st, 1888.

| Date. 1888. | BIRTHS. | | | | | DEATHS. ADULTS. | | | | DEATHS. CHILDREN | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | White Males | White Females | Colored Males | Colored Females | Total | White Males | White Females | Colored Males | Colored Females | White Males | White Females | Colored Males | Colored Females | Total. |
| January | .. | .. | .. | .. | .. | 10 | .. | 8 | 6 | .. | .. | .. | .. | 24 |
| February | 1 | 1 | 2 | .. | 4 | 5 | 7 | 10 | 3 | 1 | .. | 1 | .. | 27 |
| March | 1 | 1 | 2 | 1 | 5 | 17 | 4 | 11 | 5 | .. | .. | .. | .. | 37 |
| April | .. | 4 | 1 | 3 | 8 | 9 | 4 | 11 | 2 | .. | .. | .. | 1 | 27 |
| May | 1 | 1 | 2 | .. | 4 | 8 | 3 | 4 | 2 | .. | .. | .. | 1 | 18 |
| June | .. | .. | 1 | 1 | 2 | 5 | 4 | 4 | 5 | .. | .. | .. | .. | 18 |
| July | 2 | .. | .. | .. | 2 | 15 | 6 | 4 | 4 | .. | .. | .. | .. | 29 |
| August | 1 | .. | .. | .. | 1 | 13 | 5 | 10 | 5 | .. | .. | .. | .. | 33 |
| September | .. | .. | .. | 1 | 1 | 10 | 5 | 4 | 4 | .. | .. | .. | .. | 23 |
| October | 1 | 1 | 1 | 2 | 5 | 7 | 7 | 2 | 2 | .. | 1 | .. | .. | 19 |
| November | .. | 1 | 1 | .. | 2 | 3 | 4 | 8 | 4 | .. | .. | .. | .. | 19 |
| December | .. | .. | 1 | .. | 1 | 4 | 3 | 5 | 5 | .. | .. | .. | .. | 17 |
| Total | 7 | 9 | 11 | 8 | 35 | 106 | 52 | 81 | 47 | 1 | 1 | 1 | 2 | 291 |

## TABLE M.

Showing the Names, Quantity and Average Cost of Articles purchased for the Institution, from January 1st, 1888, to December 31st, 1888.

### A.

| | | |
|---|---|---|
| Apples, | 12 bbls., | at $1.35 per bbl. |
| Alcohol, | 12 galls., | at $2.17 per gal. |
| Axle grease, | 210 lbs. | at 4 cts. per lb. |

### B.

| | | |
|---|---|---|
| Brushes, cobweb, | ½ dozen, | at $11 per dozen. |
| " shaving, | 2 " | at 1.50 " |
| " hand dusting, | 5 " | at 4 58 " |
| " scrubbing, | 10 " | at 1.65 " |
| " whitewash, | 6 " | at 11.50 " |
| " deck scrub, | 1 " | at 2.50 " |
| " shoe, | 1 " | at 2.63 " |
| " sweeping, | 1⅓ " | at 10.50 " |
| " paint, | 1 " | at 4.90 " |
| Buckets, agate, | 8 " | at 1.50 each. |
| " water, | 6 " | at 2.50 per dozen. |
| Butter, | 4,411 lbs., | at 18½ per lb. |
| Brooms, corn, | 45 dozen, | at 2.75 per dozen. |
| " hickory, | 10 " | at 2.75 " |
| " street, | 1½ " | at 5.50 " |
| Blankets, | 115 pairs, | at 1.80 per pair. |

TABLE M—Continued.

| | | |
|---|---|---|
| Bricks, arch, | 18,440, | at 8.50 per M. |
| " red, | 12,100, | at 9.50 " |
| " paving, | 1,500, | at 11.00 " |
| " union fire No.9, | 250 | at 36.00 " |
| Buckwheat flour, | 250 lbs., | at 3 cents per lb. |
| Barley, | 34 kegs, | at $3.70 per keg. |
| Bed ticking, | 1,604 yards, | at 17½ cts. per yd. |
| Bacon, shoulders, plain, | 33,320 lbs. | at 8¾ cents per lb. |
| " " S. C., | 2,563 " | at 9 " " |
| " hams, | 2,678 " | at 12½ " " |
| Beef, corned, | 845 " | at 4 " " |
| " general house, | 112,664 " | at $3.98 per 100. |
| " roast and steak, | 11,174 " | at 10 cents per lb. |
| Beans, white, | 79 bushels, | at $2.00 per bush. |
| Brogans, | 554 pairs, | at 1.27½ per pr. |
| Buskins, | 196 " | at 1.00 " " |

C.

| | | |
|---|---|---|
| Crackers, water, | 1,752 lbs., | at 7½ cents per lb. |
| " soda, | 364 " | at 8 " " |
| Calico, for lining, | 205 yards, | at 9 " per yd. |
| " for comforts, | 2,204 " | at 9¾ " " |
| Candles, | 80 lbs., | at 9 cents per lb. |
| Cheese, | 55 " | at 12½ " " |
| Corn starch, | 800 " | at 5½ " " |
| " meal, | 600 " | at 1⅓ " " |
| " ear, | 51 bbls., | at $2.40 per bbl. |
| " crushed, | 180 bush., | at 55 cts. per bus. |
| " chop, | 25,100 lbs., | at $1.15 per 100. |

TABLE M—Continued.

| | | |
|---|---|---|
| Coal, Cumberland, | 1,780 tons, | at 3.14 per ton. |
| " Sunbury, | 197 " | at 4.47 " |
| Coffee, Java, | 1,594 lbs., | at 23½ cts. per lb. |
| " Rio, | 8,916 " | at 17½ " " |
| " Hummell's Ess. | 986 " | at 4½ " " |
| Crash, | 346 yards, | at 13 cents per yd |
| Cakes, ginger, | 970 lbs., | at 7½ cents per lb. |
| " sugar, | 403 " | at 10½ " " |
| Chamois skins, | 3, | at 50 cents each. |
| Corn, | 126 bush., | at 63 cts. per bus. |
| Cement, | 47 bbls., | at $1.50 per bbl. |
| Calcined plaster, | 4 " | at 2.00 " |
| Charcoal, | 200 " | at 40 cts. " |
| Collars, horse, | 1, | at $3.50 each. |
| Cod fish, boneless, | 40 lbs., | at 6½ cents per lb. |
| Combs, dressing, | 10 doz., | at 79 cts. per doz. |
| " fine tooth, | 13 doz., | at 72 " " |
| Cotton waste, | 90 lbs., | at 13 cents per lb. |
| " batts, | 700 " | at 13⅓ " " |
| " bale, (raw) | 527 " | at 10⅛ " " |
| Construction account, | | $1,224.96. |
| Cloth'g, men's r'dy made, | | $165.00 |

D.

| | | |
|---|---|---|
| Dress goods, calico, | 1,897 yards, | at 8½ cts. per yd. |
| Domestic plaid, | 1,607 " | at 13½ cts. " |
| Drugs, per contract, | | $2,668.54 |
| Surgical instruments, non contract, | | $105.37 |

## TABLE M—Continued.

### E.

| | | |
|---|---|---|
| Engineer's stores and repairs, | | $2,435.77 |

### F.

| | | |
|---|---|---|
| Flannel, Canton, | 643½ yards, | at 14¼c. per yard. |
| " red, | 169½ " | at 41c. " |
| Flour, family, | 54 bbls., | at $6.40 per bbl. |
| " extra, | 1,968 bbls., | at $4.41 " |
| Fire clay, | 1 bbl., | at $2.50 " |
| Files, saw, | 10 dozen, | at 47 cts. per doz. |
| Furniture, &c., | | $270.77. |

### G.

| | | |
|---|---|---|
| Glass, window, | 10 boxes, | at $2.69 per box. |
| Glass and queensware, | | $44.38. |
| Glue, | 30 lbs., | at 14⅔c. per lb. |
| Grain, feed, | 850 bushels, | at 8c. per bush. |
| Grates, Heeson's pat., | 4 sets, | at $100.00 per set. |

### H.

| | | |
|---|---|---|
| Hose, women's, | 30½ dozen, | at $1.25 per doz. |
| " men's, | 128¼ " | at 75c. " |
| Hops, | 133 lbs. | at 25c. per lb. |
| Hay, | $31\frac{360}{2000}$ tons, | at $14.50 per ton. |
| Hominy, | 22 bbls., | at $3.35 per bbl. |
| Hardware, | | $190.37. |
| Harness and repairs, | | $54.30. |

TABLE M—Continued.

| | | |
|---|---|---|
| Herrings, salt, | 27 bbls., | at $5.50 per bbl. |
| " fresh, | 6,100, | at 40c. per 100. |
| Whitefish, | ½ bbl. | for $3.00. |
| Hats, | 11 dozen, | at $3.35 per doz. |
| Handkerchiefs, | 6 " | at $1.75 " |
| Hollands, | 47¼ yards, | at 47c. per yard. |

I.

| | | |
|---|---|---|
| Ice, | $26\frac{950}{2000}$ tons, | at $5.00 per ton. |

L.

| | | |
|---|---|---|
| Leather, sole, | 680 lbs., | at 30c. per lb. |
| " calf skins, | 20 skins, | for $45.75. |
| Lye, concentrated, | 1 box, | at $2.35 a box. |
| Lard, | 2,946 lbs. | at 9½c. per lb. |
| Lime and hair, | 323 bushels, | at 32c. per bush. |
| Lime, chloride, | 2,397 lbs., | at 2¾c. per lb. |
| Lumber, assorted, | 17,873 feet, | at 3c. per foot. |
| Live stock, | | $647.50. |
| Lead, white, | 550 lbs., | at 6½c. per lb. |

M.

| | | |
|---|---|---|
| Muslin, white sheeting, | 198 yards. | at 17½c. per yd. |
| " brown, | 6,223¾ yds., | at 7c. per yard. |
| Men's wear, | 1,873 " | at 32c. " |
| Mosquito netting, | 28 pieces, | at 50c. per piece. |
| Matches, | 118 gross, | at 65c. per gross. |
| Malt, ground, | 9 bush., | at $1.20 per bush. |
| Mutton and chops, | 33,633½ lbs., | at $3.25 per 100. |

TABLE M—Continued.

| | | |
|---|---|---|
| Molasses, | 1,069 galls., | at 26 cts. per gal. |
| Mackerel, No. 1, | 2 h'lf bbls., | at $8.00 per bbl. |
| Middlings, | 1,296 bush., | at 15c. per bush. |
| Meal, flaxseed, | 1 bush., | at $1.40. |
| Miscellaneous, | | $3,782.73. |

N.

| | | |
|---|---|---|
| Notions, | | $220.49. |
| Nails, finishing, | 25 papers, | at 7 cts. |
| " cut, | 13 kegs, | at $2.25 per keg |

O.

| | | |
|---|---|---|
| Oat cleaner, | 1, | for $18.00 |
| Oatmeal, | 4 bbls., | at $4.50 per bbl. |
| Oats | 913 bush., | at 35 c. per bush. |
| Oil, lard, | 333 galls., | at 68 cts. per gal. |
| Oil, gasoline, | 279 bbls., | at $5.30 per bbl. |

P.

| | | |
|---|---|---|
| Posts, cedar, | 53, | at $1.05 each. |
| Pies, assorted, | 2,600, | at 6 cts. each. |
| Paints, | | $127.36. |
| Putty, | 150 lbs., | at 3 cts. per lb. |
| Potatoes, | 2,161 bush. | at 64 c. per bush. |
| Phenile | 100 galls., | at $1.25 per gal. |
| Peas, green, | 26 bush., | at $1.63 per bush. |

TABLE M—Continued.

| | | |
|---|---|---|
| Plaster for land, | 14 bags, | at 70 cts. per bag. |
| Phosphates, S. House, | 1,200 lbs., | at $28.00 per ton. |
| | R. | |
| Rice, | 4,804 lbs., | at 5¾ cts. per lb. |
| Rivets, tin, | 6 lbs., | at 25 cts. per lb. |
| Repairs in general, | | $1,319.71. |
| | S. | |
| Slip stuff, | 921¼ yds., | at 25 cts. per yd. |
| Spectacles, | 7 doz., | at $2.50 per doz. |
| Starch, laundry, | 400 lbs., | at 3½ cts. per lb. |
| Spoons, tinned, iron, | 2 gross, | at $2.25 per gross. |
| Soap, toilet, (Ivory) | 16 doz., | at $11.50 per box. |
| " M. & L., | 10,000 lbs., | at 3½ cts. per lb. |
| " white, | 9,075 " | at 5½ " " |
| Shoe laces, | 15 gross, | at 40 cts. per gr. |
| " leather, | 15 " | at 75 " " |
| Shovels, | 1½ doz. | at $9.75 per doz. |
| Salt, fine, | 210 bush. | at 45c. per bush. |
| " G. A., | 51 " | at 25 " " |
| Straw, wheat, | $75\frac{100}{2000}$ tons, | at $9.00 per ton. |
| Solder, | 59 lbs., | at 18¾ cts. per lb. |
| Shoe findings, | | $15.69. |
| Sugar, brown, | 21,403 lbs., | at 6 cts. per lb. |
| " white, | 9,620 " | at 7½ cts. per lb. |
| Shoe blacking, | 6 doz., | at 50 cts. per doz. |
| Slippers, men's, | 5 " | at 75 cts. per pair. |
| " women's | 3 " | at 65 " " |

TABLE M—Concluded.

| | | |
|---|---|---|
| Shoeing and Repairs, | | $182.65. |
| Stoves and Pipes, | | $38.97. |
| Spices, &c. | | $85.74. |
| Sal soda, | 300 lbs., | at 1¼ cts. per lb. |
| Seed, garden, | | $52.75. |

T.

| | | |
|---|---|---|
| Towels, | 2 doz. | at $300 per. doz. |
| Tin plate, | 8 boxes, | at $7.06 per box. |
| Tobacco, | 2,756 lbs. | at 25 cts. per lb. |
| Tea, He-No, | 120 lbs., | at 50 " " |
| " imperial and black | 1850 lbs., | at 40 " " |

V.

| | | |
|---|---|---|
| Vinegar, | 336½ gals., | at 18 cts. per gal. |

W.

| | | |
|---|---|---|
| Whiskey, (dispensary) | 369 gals., | at $1.85 per gal. |
| Wood, pine, | 44¾ cords. | at $3.00 per cord. |

Y.

| | | |
|---|---|---|
| Yeast powder, | 3 gross., | at $14.00 per gr. |

# REPORT OF THE ENGINEER.

BAYVIEW ASYLUM, January 1, 1889.

*To the Honorable Board of Trustees:*

GENTLEMEN:

I herewith most respectfully present to you the annual report of this department for the year ending December 31, 1888.

WM. KAISER, *Engineer.*

Total amount of George's Creek coal consumed, and by what department of the Institution.

| 1888. | Lbs. | Tons. | Pounds. |
|---|---|---|---|
| Tubular Boilers | 4,062,090 | 1,813 | 970 |
| Blacksmith Shop | 10,080 | 4 | 1,120 |
| | 4,072,170 | 1,817 | 2,090 |

Total amount of Sunbury coal consumed, and by what department of the Institution.

| 1888. | Lbs. | Tons. | Pounds. |
|---|---|---|---|
| Centre Kitchen | 79,520 | 35 | 1,120 |
| Matron's Kitchen | 54,660 | 24 | 900 |
| Ironing Room | 30,210 | 13 | 1,090 |
| Bake House | 79,750 | 35 | 1,350 |
| Pest Hospitals | 101,420 | 45 | 620 |
| Insane Hospital | 57,400 | 25 | 1,400 |
| Main Gate | 12,000 | 5 | 800 |
| East Gate | 8,170 | 3 | 1,450 |
| West Gate | 8,320 | 3 | 1,600 |
| Carpenter Shop | 8,570 | 3 | 1,850 |
| | 440,020 | 191 | 12,180 |

George's Creek coal on hand Dec. 31, 1888....90 tons.

Sunbury coal on hand December 31, 1888.....90 tons.

# REPORT OF THE GARDENER.

BAYVIEW ASYLUM, January 1, 1889.

*To the Honorable Board of Trustees:*

GENTLEMEN:

Permit me most respectfully, to present this, my annual report as Gardener of the Institution, for the year ending December 31, 1888.

JOHN F. BARRANGER, *Gardener.*

| Articles. | Bushels. | Dozen. | Bunches | Pounds. | Gallons. | Tons. | No. of | Prices. | Amount. |
|---|---|---|---|---|---|---|---|---|---|
| Cabbage | | | | | | | 9,482 | $ 6 | $ 568 92 |
| Tomatoes | 942 | | | | | | | 60 | 565 20 |
| Potatoes | 788 | | | | | | | 60 | 472 80 |
| Asparagus | | | 148 | | | | | 20 | 29 60 |
| Spinach | 49 | | | | | | | 75 | 36 75 |
| Turnips | 827 | | | | | | | 60 | 496 20 |
| Carrots | 360 | | | | | | | 75 | 270 00 |
| Parsnips | 462 | | | | | | | 1 00 | 462 00 |
| Celery | | | 2,690 | | | | | 10 | 269 00 |
| Corn | | 184 | | | | | | 12 | 22 08 |
| Pickles | | | | | | | 9,980 | $2 prM | 19 96 |
| Radishes | | | 3,865 | | | | | 3 | 115 95 |
| Green Peas | 264 | | | | | | | 60 | 158 40 |
| String Beans | 275 | | | | | | | 75 | 206 25 |
| Leeks | | | 3,761 | | | | | 4 | 150 44 |
| Parsley | | | 5,538 | | | | | 1 | 55 38 |
| Lettuce | | | | | | | 2,618 | 5 | 130 90 |
| Onions | | | 2,759 | | | | | 3 | 82 77 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Onions | 118 | | | | | | | 3 00 | 354 00 |
| Onion Setts | 12 | | | | | | | 5 00 | 60 00 |
| Thyme | | | 4,608 | | | | | 1 | 46 08 |
| Lima Beans | 110 | | | | | | | 2 00 | 220 00 |
| Beets | | | 4,303 | | | | | 3 | 129 09 |
| Peppers | 28 | | | | | | | 1 00 | 28 00 |
| Oyster Plant | | | 742 | | | | | 4 | 29 68 |
| Cabbage Sprouts | 162 | | | | | | | 50 | 81 00 |
| Kale Sprouts | 173 | | | | | | | 40 | 69 20 |
| Gumbo | 25 | | | | | | | 1 00 | 25 00 |
| Cucumbers | | 135 | | | | | | 8 | 10 80 |
| Horse Radish | | | | | | | 25 Stalks | 4 | 10 28 |
| Timothy Hay | | | | | | 10 | | 16 00 | 160 00 |
| Pork | | | | 2,902 | | | | 6¾ | 195 88 |
| Pigs | | | | | | | 11 | 2 50 | 27 50 |
| Calves | | | | | | | 8 | 5 62½ | 45 00 |
| Ice | | | | | | 230 | | 5 00 | 1,150 00 |
| Butter | | | | 1,706 | | | | 25 | 426 50 |
| Cream | | | | | 665 | | | 40 | 266 00 |
| Milk | | | | | 7,317 | | | 16 | 1,170 72 |
| Eggs | | 2,160 | | | | | | 20 | 432 00 |
| | | | | | | | | | $ 9,049 33 |

# REPORT OF THE BAKER.

BAYVIEW ASYLUM, January, 1, 1889.

*To the Honorable Board of Trustees*:

GENTLEMEN:

I herewith present this, my annual report as Baker of this Institution for the year ending Dec. 31, 1888.

Very respectfully,

CHARLES JONES, *Baker.*

| | | |
|---|---|---|
| Flour received | | 1821 bbls. |
| Loaves of bread baked | 443,831 | |
| Loaves of bread on hand January 1, 1888. | 779 | |
| | 444,610 | |
| Loaves of bread sent to store room | 443,530 | |
| On hand January 1, 1889 | 1,080 | |
| Weight of bread baked | | 455,786 lbs. 4 ozs. |
| Average weight of each loaf | | 1 lb. 4 " |

# REPORT

OF THE

# RESIDENT PHYSICIANS

FOR THE YEAR ENDING DECEMBER 31ST, 1888.

# REPORT.

BAYVIEW ASYLUM, January 1, 1889.

*To the Honorable Board of Trustees:*

GENTLEMEN :

We herewith respectfully submit the annual report of the Medical Department of this Institution, for the year ending December 31, 1888.

For detailed accounts, we would refer you to the annexed tabular statement. It should be remembered that these figures do not include a large number of minor cases treated in the Dispensary, connected with the hospital, and the various chronic wards. The number of cases treated has been large, percentage of deaths comparatively small (11.2), and the general results as satisfactory as could be expected, considering the class of patients we have to treat.

It is most gratifying that the Institution has been exempt from epidemics and infectious diseases, with the exception of one case of small-pov, which was promptly isolated, and then removed to the Quarantine Hospital as soon as possible ; nearly all the inmates of the Institution were vaccinated (720), and all other measures were taken to prevent the spread of this dire

malady. No new cases have as yet occurred and none may reasonably be expected.

The visiting staff of Physicians and Surgeons, who have so ably guided and directed us in our duties, is composed of the following:

| *Physicians.* | *Surgeons.* |
|---|---|
| Prof. A. B. Arnold, | Prof. L. McLane Tiffany, |
| " I. E. Atkinson, | " J. Edwin Michael, |
| " Thomas Latimer, | " O. J. Coskery, |
| " G. H. Rohe, | " C. F. Bevan, |
| Dr. W. A. Moale, | Dr. Randolph Winslow, |
| " W. J. Jones, | " J. W. Chambers, |
| " Jos. T. Smith. | " W. B. Platt, |
| | " J. H. Branham. |

The Medical Department of the Institution has suffered a great loss in the death of Prof. John Lynch, who for many years has been among the numbers of our most esteemed visiting staff.

To your Honorable Body we extend our hearty thanks for all favors and assistance given for the performance of our work.

Very respectfully,

N. T. CARSWELL,
A. C. HARRISON.

## TABULAR STATEMENT No. 1.

Of cases treated in Bayview Asylum during the year ending Dec. 31, 1888.

| Disease. | Treated. | Cured. | Relieved. | Unchanged. | Died. | Remaining. |
|---|---|---|---|---|---|---|
| Absorption of head of femur, from contusion. | 1 | .... | 1 | .... | .... | .... |
| Abortion | 1 | 1 | .... | .... | .... | .... |
| Abscess, arm | 2 | 2 | .... | .... | .... | .... |
| " axillary | 4 | 4 | .... | .... | .... | .... |
| " buccal | 1 | 1 | .... | .... | .... | .... |
| " foot | 2 | 2 | .... | .... | .... | .... |
| " lachrymal | 1 | 1 | .... | .... | .... | .... |
| " neck | 1 | .... | .... | .... | .... | 1 |
| " periurethral | 2 | 1 | .... | .... | .... | 1 |
| " peri-rectal | 3 | 3 | .... | .... | .... | .... |
| Adenitis, cervical | 1 | 1 | .... | .... | .... | .... |
| " general | 1 | 1 | .... | .... | .... | .... |
| Anaemia, idiopathic | 1 | .... | .... | .... | .... | 1 |
| " simple | 15 | 15 | .... | .... | .... | .... |
| " symptomatic | 3 | .... | .... | .... | .... | 3 |
| Anchylosis, knee | 1 | .... | .... | .... | .... | 1 |
| Aneurism, aortic | 1 | .... | 1 | .... | .... | .... |
| " abdominal | 2 | .... | 1 | .... | .... | 1 |
| " brachial | 1 | .... | 1 | .... | .... | .... |
| " innominate | 2 | .... | 1 | .... | .... | 1 |
| Angina Ludovici | 1 | .... | .... | .... | 1 | .... |
| " Pectoris | 2 | .... | 1 | .... | 1 | .... |
| Arthritis, deformans | 1 | .... | .... | 1 | .... | .... |
| Asthma | 6 | .... | 2 | .... | 2 | 2 |
| Balanoposthitis | 2 | 2 | .... | .... | .... | .... |
| Bright's Disease, acute | 6 | 2 | 1 | .... | 2 | 1 |
| " " chronic | 31 | .... | 11 | 1 | 18 | 1 |
| Blephoritis Marginalis | 1 | 1 | .... | .... | .... | .... |

TABULAR STATEMENT No. 1—Continued.

| Diseases. | Treated. | Cured. | Relieved. | Unchanged. | Died. | Remaining. |
|---|---|---|---|---|---|---|
| Bronchitis, acute | 51 | 51 | .... | .... | .... | .... |
| " chronic | 10 | .... | 5 | .... | 2 | 3 |
| " capillary | 3 | 3 | .... | .... | .... | .... |
| Bubo | 29 | 26 | .... | .... | .... | 3 |
| Burn | 12 | 11 | .... | .... | 1 | .... |
| Bursae, patellae | 2 | 2 | .... | .... | .... | .... |
| Carbuncle | 6 | 6 | .... | .... | .... | .... |
| Carcinoma, breast | 1 | .... | 1 | .... | .... | .... |
| " larynx | 1 | .... | .... | .... | 1 | .... |
| " oesophagus | 1 | .... | .... | .... | 1 | .... |
| " ovaries | 1 | .... | .... | .... | 1 | .... |
| " stomach | 2 | .... | .... | .... | 1 | 1 |
| " uterus | 1 | 1 | .... | .... | .... | .... |
| Caries, ilium | 1 | .... | .... | .... | 1 | .... |
| " metatarsal bone | 2 | 2 | .... | .... | .... | .... |
| Cellulitis | 7 | 5 | .... | .... | .... | 2 |
| " pelvic | 6 | 6 | .... | .... | .... | .... |
| Cerebral syphilis | 4 | .... | 2 | .... | 2 | .... |
| " softening | 5 | .... | .... | 3 | 2 | .... |
| Chancroid | 69 | 66 | .... | .... | .... | 3 |
| " Phagedenic | 4 | 2 | .... | .... | 1 | 1 |
| Cirrhosis, liver | 4 | .... | 1 | .... | 3 | .... |
| " Hypertrophic of liver | 1 | .... | .... | .... | 1 | .... |
| Conjunctivitis | 22 | 22 | .... | .... | .... | .... |
| " purulent | 12 | 12 | .... | .... | .... | .... |
| Coxalgia | 3 | 1 | 1 | 1 | .... | .... |
| Corneal Ulcer | 1 | 1 | .... | .... | .... | .... |
| Cystitis | 12 | 10 | .... | .... | .... | 2 |
| Delirium Tremens | 19 | 18 | .... | .... | .... | 1 |

TABULAR STATEMENT No. 1—Continued.

| Diseases. | Treated. | Cured. | Relieved. | Unchanged. | Died. | Remaining. |
|---|---|---|---|---|---|---|
| Dermatitis Venenata | 1 | 1 | .... | .... | .... | .... |
| Diabetes, insipidus | 1 | .... | .... | .... | .... | 1 |
| " Mellitus | 3 | .... | 1 | .... | 2 | .... |
| Diarrhœa, acute | 49 | 48 | .... | .... | .... | 1 |
| " chronic | 14 | .... | 1 | .... | 13 | .... |
| Dislocation, shoulder | 2 | 2 | .... | .... | .... | .... |
| " Semi-lunar Cartilage | 1 | .... | .... | .... | .... | 1 |
| Dysentery, acute | 30 | 23 | .... | .... | 7 | .... |
| " chronic | 9 | .... | 1 | .... | 5 | 3 |
| Dyspepsia | 4 | 3 | 1 | .... | .... | .... |
| Eczema, acute | 9 | 8 | .... | .... | .... | 1 |
| " chronic | 4 | .... | 3 | .... | .... | 1 |
| Elephantiasis, labia majora | 1 | 1 | .... | .... | .... | .... |
| Elephantiasis, leg | 3 | .... | 1 | .... | 1 | 1 |
| Emphysema | 7 | .... | 1 | .... | 2 | 4 |
| Endocervicitis | 2 | 2 | .... | .... | .... | .... |
| Epididymitis | 3 | 3 | .... | .... | .... | .... |
| Endarteritis | 1 | .... | .... | .... | 1 | .... |
| " ulcerative | 1 | .... | .... | .... | 1 | .... |
| Epilepsy | 15 | .... | .... | 7 | 2 | 6 |
| Epithelioma | 4 | 1 | .... | .... | 3 | .... |
| Erysipelas | 15 | 13 | .... | .... | .... | 2 |
| Fever, intermittent | 99 | 98 | .... | .... | .... | 1 |
| " ephemeral | 1 | 1 | .... | .... | .... | .... |
| " typhoid | 7 | 6 | .... | .... | .... | 1 |
| Fracture, clavicle | 1 | 1 | .... | .... | .... | .... |
| " colles's | 3 | 3 | .... | .... | .... | .... |
| " femur | 3 | 2 | .... | .... | .... | 1 |

TABULAR STATEMENT No. 1—Continued.

| Diseases. | Treated. | Cured. | Relieved. | Unchanged. | Died. | Remaining. |
|---|---|---|---|---|---|---|
| Fracture, leg | 1 | 1 | .... | .... | .... | .... |
| " Pott's | 2 | 2 | .... | .... | .... | .... |
| " rib | 1 | 1 | .... | .... | .... | .... |
| " skull base | 1 | .... | .... | .... | 1 | .... |
| " ulna | 1 | 1 | .... | .... | .... | .... |
| " radius | 1 | 1 | .... | .... | .... | .... |
| Frost Bite | 22 | 22 | .... | .... | .... | .... |
| Furunculosis | 4 | 4 | .... | .... | .... | .... |
| Gangrene, lung | 2 | 1 | .... | .... | 1 | .... |
| " scrotum | 4 | 1 | .... | .... | 2 | 1 |
| " senile | 2 | .... | .... | .... | 2 | .... |
| Gastritis, simple | 2 | 2 | .... | .... | .... | .... |
| " alcholic | 10 | 10 | .... | .... | .... | .... |
| Gastro-duodenitis | 1 | 1 | .... | .... | .... | .... |
| Goitre | 1 | .... | .... | 1 | .... | .... |
| Gonorrhœa | 35 | 33 | .... | .... | .... | 2 |
| Gout, chronic | 1 | .... | .... | 1 | .... | .... |
| Heart Disease | 49 | .... | 34 | 4 | 10 | 1 |
| Hemiplegia | 14 | .... | 7 | .... | 4 | 3 |
| Hemorrhoids | 8 | 3 | 5 | .... | .... | .... |
| Hernia, femoral | 1 | .... | .... | .... | .... | 1 |
| " inguinal | 4 | 1 | .... | 1 | .... | 2 |
| Hydrocele | 2 | 1 | 1 | .... | .... | .... |
| Hydrocephalus | 2 | .... | .... | 2 | .... | .... |
| Hydrops Articulorum | 2 | 1 | 1 | .... | .... | .... |
| Hypertrophy, Carunculae Myrtiformis | 1 | 1 | .... | .... | .... | .... |
| Hypertrophy, Clitoris | 1 | 1 | .... | .... | .... | .... |
| " Nymphae | 1 | 1 | .... | .... | .... | .... |
| Hysteria | 5 | 4 | .... | .... | .... | 1 |

TABULAR STATEMENT No. 1—Continued.

| Diseases. | Treated. | Cured. | Relieved. | Unchanged. | Died. | Remaining. |
|---|---|---|---|---|---|---|
| Hypospadias | 1 | .... | .... | 1 | .... | .... |
| Iritis | 6 | 6 | .... | .... | .... | .... |
| Keratitis | 4 | 4 | .... | .... | .... | .... |
| Lacerated, cervix | 2 | 2 | .... | .... | .... | .... |
| " perinaeum | 7 | 6 | .... | .... | .... | 1 |
| Laryngitis | 6 | 6 | .... | .... | .... | .... |
| Lipomata | 3 | 3 | .... | .... | .... | .... |
| Lumbago | 4 | 3 | .... | .... | .... | 1 |
| Mania, acute | 1 | 1 | .... | .... | .... | .... |
| Malarial Cachexia | 6 | 6 | .... | .... | .... | .... |
| Malingerer | 8 | 8 | .... | .... | .... | .... |
| Marasmus | 20 | 15 | 4 | .... | .... | 1 |
| Menorrhagia | 6 | 5 | 1 | .... | .... | .... |
| Metrorrhagia | 1 | 1 | .... | .... | .... | .... |
| Myelitis, transverse | 3 | .... | .... | .... | 2 | 1 |
| " specific | 1 | 1 | .... | .... | .... | .... |
| Necrosis, tibia | 4 | 1 | ... | .... | .... | 3 |
| " os calcis | 1 | 1 | .... | .... | .... | .... |
| " phalanges | 1 | 1 | .... | .... | .... | .... |
| Neuralgia | 5 | 5 | .... | .... | .... | .... |
| Neuritis Multiple | 6 | 3 | 1 | ... | .... | 2 |
| Opium habit | 2 | .... | 1 | 1 | .... | .... |
| Orchitis, chronic | 1 | .... | 1 | .... | .... | .... |
| Ovaries, prolapse | 1 | ... | 1 | .... | .... | .... |
| Ovarian tumor | 1 | .... | .... | .... | .... | 1 |
| Oyster, arm | 1 | 1 | .... | .... | .... | .... |
| " feet | 2 | 2 | .... | .... | .... | .... |
| " hand | 12 | 12 | .... | .... | .... | .... |
| " leg | 3 | 3 | .... | .... | .... | .... |
| Panophthalmitis | 1 | .... | 1 | .... | .... | .... |

TABULAR STATEMENT No. 1—Continued.

| Diseases. | Treated. | Cured. | Relieved. | Unchanged. | Died. | Remaining. |
|---|---|---|---|---|---|---|
| Paralysis, Bell's | 3 | 3 | .... | .... | .... | .... |
| " Bulbar | 1 | .... | .... | .... | 1 | .... |
| Paraplegia | 6 | .... | 2 | 1 | 2 | 1 |
| Paresis, general | 1 | .... | .... | .... | 1 | .... |
| Parotiditis | 2 | .... | 1 | .... | .... | 1 |
| " suppurative | 1 | .... | .... | .... | 1 | .... |
| Pericarditis | 3 | 2 | .... | .... | 1 | .... |
| Periostitis, acute | 2 | 2 | .... | .... | .... | .... |
| " chronic | 2 | .... | 2 | .... | .... | .... |
| Peritonitis, pelvic | 2 | 2 | .... | .... | .... | .... |
| " traumatic | 2 | 1 | .... | .... | 1 | .... |
| " tubercular | 1 | .... | .... | .... | 1 | .... |
| Phimosis | 9 | 8 | .... | .... | .... | 1 |
| Pleurisy, acute | 5 | 5 | .... | .... | .... | .... |
| " chronic | 1 | .... | 1 | .... | .... | .... |
| Pneumonia, catarrhal | 8 | 3 | .... | .... | 4 | 1 |
| " fibroid | 1 | .... | .... | .... | .... | 1 |
| " lobar | 25 | 10 | .... | .... | 12 | 3 |
| " septic | 2 | 2 | .... | .... | .... | .... |
| Pott's Disease | 2 | .... | 1 | 1 | .... | .... |
| Proctitis | 1 | 1 | .... | .... | .... | .... |
| Psoriasis Vulgaris | 1 | 1 | .... | .... | .... | .... |
| " specific | 10 | 10 | .... | .... | .... | .... |
| Pyelitis | 1 | .... | .... | .... | 1 | .... |
| Pyelo-nephritis | 1 | .... | .... | .... | 1 | .... |
| Pyo-thorax | 2 | 1 | .... | .... | 1 | .... |
| Rheumatism, acute | 20 | 20 | .... | .... | .... | .... |
| " sub acute | 23 | .... | 22 | .... | .... | 1 |
| " chronic | 40 | .... | 36 | .... | .... | 4 |
| " Gonorrhœal | 2 | .... | 2 | .... | .... | .... |

TABULAR STATEMENT No. 1—Continued.

| Diseases. | Treated. | Cured. | Relieved. | Unchanged. | Died. | Remaining. |
|---|---|---|---|---|---|---|
| Rupture, supra spinous lig't | 1 | 1 | .... | .... | .... | .... |
| Saturnismus | 3 | 3 | .... | .... | .... | .... |
| Scabies | 2 | 2 | .... | .... | .... | .... |
| Sciatica | 1 | .... | 1 | .... | .... | .... |
| Sclerosis, lateral | 2 | .... | .... | .... | .... | 2 |
| " multiple | 6 | .... | .... | 2 | 1 | 3 |
| " posterior spinal | 3 | .... | .... | 1 | .... | 2 |
| Scleroderma | 1 | .... | .... | .... | .... | 1 |
| Senility | 15 | .... | .... | 4 | 6 | 5 |
| Septicaemia | 1 | .... | .... | .... | .... | 1 |
| Synovitis | 3 | 3 | .... | .... | .... | .... |
| Small-pox | 1 | .... | .... | 1 | .... | .... |
| Sprain, ankle | 9 | 9 | .... | .... | .... | .... |
| " wrist | 3 | 3 | .... | .... | .... | .... |
| Stricture, rectum | 3 | .... | 1 | .... | .... | 2 |
| " urethra | 26 | 4 | 20 | .... | .... | 2 |
| Syphilis | 203 | 10 | 173 | .... | 2 | 18 |
| Syphilitic Ulceration of larynx and pharynx | 1 | .... | .... | .... | 1 | .... |
| Tetanus | 1 | .... | .... | .... | 1 | .... |
| Tinea Circinata | 1 | 1 | .... | .... | .... | .... |
| Tonsillitis | 2 | 2 | .... | .... | .... | .... |
| Torti-collis | 2 | .... | 1 | .... | .... | 1 |
| Tuberculosis | 155 | .... | 60 | 13 | 56 | 26 |
| " cerv. glands | 3 | 1 | 2 | .... | .... | .... |
| " intestinal, primary | 1 | .... | .... | .... | 1 | .... |
| " joints | 1 | 1 | .... | .... | .... | .... |
| " larynx | 4 | .... | 2 | 1 | .... | 1 |

## TABULAR STATEMENT No. 1—Concluded

| Diseases. | Treated. | Cured. | Relieved. | Unchanged. | Died. | Remaining. |
|---|---|---|---|---|---|---|
| Tuberculosis, tarsal-bones | 2 | 1 | .... | 1 | .... | .... |
| Ulcer | 70 | 57 | 8 | .... | .... | 5 |
| " stomach | 2 | 1 | 1 | .... | .... | .... |
| Unknown | 2 | 2 | .... | .... | .... | .... |
| Uterus, displacements | 7 | .... | 4 | .... | .... | 3 |
| " fibroids | 1 | .... | 1 | .... | .... | .... |
| " procidentia | 1 | .... | 1 | .... | .... | .... |
| Vaginitis | 5 | 5 | .... | .... | .... | .... |
| Varicocele | 3 | 2 | .... | 1 | .... | .... |
| Varix | 4 | 1 | 1 | .... | .... | 2 |
| Warts, venereal | 3 | 3 | .... | .... | .... | .... |
| Wounds, contused | 2 | 2 | .... | .... | .... | .... |
| " gun-shot | 2 | 2 | .... | .... | .... | .... |
| " incised | 3 | 3 | .... | .... | .... | .... |
| " lacerated | 1 | 1 | .... | .... | .... | .... |
| " punctured | 4 | 4 | .... | .... | .... | .... |
| " scalp | 13 | 13 | .... | .... | .... | .... |
| Zoster Herpes | 1 | .... | .... | .... | .... | 1 |
| Total | 1742 | 895 | 440 | 50 | 195 | 162 |

## TABULAR STATEMENT No. 2.

**Of the Surgical Operations Performed during Year ending December 31st, 1888.**

| Operation. | Treated. | Cured. | Relieved. | Died. | Remaining. |
|---|---|---|---|---|---|
| Alexander's operation | 1 | .... | .... | .... | 1 |
| Amputations, cervix uteri | 1 | 1 | .... | .... | .... |
| " clitoris hypertrophied | 1 | 1 | .... | .... | .... |
| " finger | 2 | 2 | .... | .... | .... |
| " leg | 1 | 1 | .... | .... | .... |
| " leg, double | 1 | 1 | .... | .... | .... |
| " toes | 1 | 1 | .... | .... | .... |
| " Caries tibia | 1 | .... | 1 | .... | .... |
| Circumcisions | 15 | 15 | .... | .... | .... |
| Excisions, breasts | 1 | .... | 1 | .... | .... |
| " bursae patellae | 2 | 2 | .... | .... | .... |
| " cervical glands | 2 | 1 | 1 | .... | .... |
| " inguinal glands | 5 | 5 | .... | .... | .... |
| " lipomata | 3 | 3 | .... | .... | .... |
| " labia majora (elephantiasis) | 1 | 1 | .... | .... | .... |
| " nymphae (hypertrophied) | 1 | 1 | .... | .... | .... |
| " hemorrhoids | 2 | 2 | .... | .... | .... |
| Fistula in ano | 3 | 3 | .... | .... | .... |
| " recto-vaginal | 1 | .... | .... | .... | 1 |
| Herniotomy | 4 | 3 | .... | .... | 1 |
| Incision of prepuce | 5 | 5 | .... | .... | .... |
| Ligation, axillary artery | 1 | 1 | .... | .... | .... |
| " internal jugular vein | 1 | 1 | .... | .... | .... |
| " veins for varix | 3 | 1 | 2 | .... | .... |

TABULAR STATEMENT No. 2—Continued.

| Operation. | Treated. | Cured. | Relieved. | Died. | Remaining. |
|---|---|---|---|---|---|
| Necrosis, metatarsal bone .... | 1 | 1 | .... | .... | .... |
| " tibia ..... | 4 | 2 | 1 | .... | 1 |
| Paracentesis, abdominis..... | 8 | .... | 8 | .... | .... |
| " scrotum ..... | 2 | 1 | 1 | .... | .... |
| " thoracis ..... | 7 | 2 | 5 | .... | .... |
| Perineal section ..... | 1 | .... | .... | .... | 1 |
| Perineorrhaphy ..... | 7 | 6 | .... | .... | 1 |
| Peri-urethral abscess..... | 2 | 1 | .... | .... | 1 |
| Plastic operation to restore eyelid ..... | 1 | 1 | .... | .... | .... |
| Trachelorrhaphy ..... | 3 | 3 | .... | .... | .... |
| Urethrotomy, internal ..... | 5 | .... | 5 | .... | .... |
| Total..... | 99 | 68 | 25 | .... | 7 |

## TABULAR STATEMENT No. 3.

Showing Number of Births during Year ending December 31st, 1888.

| | |
|---|---|
| White males | 6 |
| White females | 10 |
| Black males | 11 |
| Black females | 8 |
| Total | 35 |

RECAPITULATION.

| | |
|---|---|
| Remaining in hospital January 1st, 1888 | 178 |
| Total ingress | 1,734 |
| | 1,912 |
| Total egress | 1,750 |
| Remaining in hospital December 31st, 1888 | 162 |

# REPORT

— OF THE —

# Resident Physician of City Insane Hospital.

For the Year ending December 31, 1888.

# REPORT.

*To the Honorable*

*Board of Trustees of Bay View Asylum.*

GENTLEMEN :

I have the honor to submit the fourth annual report of the Baltimore City Insane Hospital, beginning January 1st, 1888, ending December 31st, 1888.

This department was in charge of Dr. J. C. Hemmeter, for the first, and Dr. F. C. Ard during the second quarter of the year, so that I can personally only refer to the time between July 1st and the present, except so far as is incorporated in the accompanying tables.

During this period the general health of the patients has been remarkably good, except for a slight epidemic of dysentery, which occurred about the latter part of July, and being immediately isolated was promptly checked.

The inmates had freedom of the yard during greater part of the summer ; only deprived of at times when the weather was unfit.

Seclusion and restraint has been used to the least possible extent.

Employment has been procured, wherever possible, with decided beneficial results.

Amusements have been furnished, in the way of games, reading matter and illustrated papers, etc.

Entertainments are at present given, about twice a month, which are composed principally of dances, and to which soon will be added the stereopticon.

An increase in the number of competent attendants this year has added greatly to the comfort of the patients, as well as the better working of the institution.

This department has been visited regularly this year by Prof. W. H. Welch and Drs. W. T. Councilman, Halstead, Preston, Earle and Miller of the Johns Hopkins University.

The sanitary condition of the building has been excellent, except so far as is due to the overcrowding, which has been referred to in former reports.

I wish to acknowledge receipt of games, illustrated papers, magazines, etc., from Prof. N. H. Martin, of the Johns Hopkins University.

Gentlemen, in conclusion, I wish to thank you for the hearty support you have given me in the care of these people. Mr. J. F. Stone, superintendent, for his willing assistance and the interest he has taken in their welfare; Dr. Charles L. Summers, for the faithful and valuable services rendered as Assistant Physician; to Drs. Carswell and Harrison I am indebted for their valuable counsel and assistance; to the officers and

attendants I am thankful for their never-tiring attention and kindness shown to these most unfortunate of mankind.

Hoping that the coming year may add as many comforts as the past,

I remain, respectfully,

Your obedient servant,

WM. E. RAMSAY.

## TABLE I.

General Operation of Insane Hospital.

| | White Males. | White Females. | Colored Males. | Colored Females. | Total. |
|---|---|---|---|---|---|
| In Hospital December 31, 1887.... | 107 | 117 | 24 | 30 | 278 |
| Admitted from Baltimore ..... | 63 | 36 | 16 | 14 | 129 |
| Transferred from Almshouse..... | 4 | 3 | .. | 2 | 9 |
| " " Mt. Hope..... | .... | 1 | .. | 1 | 2 |
| Total in Hospital during the year. | 174 | 157 | 40 | 47 | 418 |
| Discharged during the year..... | 45 | 21 | 7 | 8 | 81 |
| Transferred to Almshouse..... | 3 | 4 | .... | | 7 |
| Eloped..... | 2 | .... | 4 | .. | 6 |
| Eloped on Pass..... | .... | 1 | .. | .. | 1 |
| Died ..... | 14 | 7 | 10 | 2 | 33 |
| In Hospital December 31, 1888.... | 110 | 124 | 19 | 37 | 290 |
| Time of those discharged otherwise than by death..... | | | | | |
| Less than 1 month..... | 26 | 7 | 3 | 2 | 38 |
| Between 1 and 3 months..... | 8 | 7 | 3 | 4 | 22 |
| " 3 " 6 " ..... | 8 | 4 | 1 | 1 | 14 |
| " 6 " 12 " ..... | 4 | 3 | 4 | .. | 11 |
| " 1 " 3 years..... | 1 | 3 | .. | 1 | 5 |
| " 2 " 4 " ..... | 2 | 2 | .. | .. | 4 |
| " 4 " 6 " ..... | 1 | .... | .. | .. | 1 |
| | 50 | 26 | 11 | 8 | 95 |

## TABLE II.

**Table showing Monthly Admissions, Discharges, Deaths and Average.**

| | Admitted. | Discharged. | Died. | Average. |
|---|---|---|---|---|
| January | 5 | 2 | 2 | $278\frac{26}{31}$ |
| February | 12 | 2 | 4 | $282\frac{15}{29}$ |
| March | 9 | 7 | 2 | $285\frac{6}{31}$ |
| April | 13 | 18 | 1 | $281\frac{11}{30}$ |
| May | 14 | 8 | 2 | $279\frac{7}{31}$ |
| June | 13 | 10 | 1 | $284\frac{3}{30}$ |
| July | 13 | 3 | 6 | $285\frac{25}{31}$ |
| August | 19 | 13 | 6 | $287\frac{17}{31}$ |
| September | 6 | 12 | 3 | $283\frac{1}{10}$ |
| October | 10 | 3 | 2 | $282\frac{16}{31}$ |
| November | 11 | 7 | 1 | $288\frac{19}{30}$ |
| December | 15 | 10 | 3 | $291\frac{3}{31}$ |
| | 140 | 95 | 33 | |
| Yearly average | | | | $284\frac{55}{366}$ |

## TABLE III—Nativity.

| | | | |
|---|---|---|---|
| Baltimore | 84 | Norway | 1 |
| Maryland | 129 | Russia | 8 |
| Virginia | 23 | Poland | 1 |
| Delaware | 2 | Austria | 1 |
| Massachusetts | 1 | Bohemia | 2 |
| Alabama | 2 | France | 1 |
| Louisiana | 1 | Italy | 1 |
| New York | 2 | Switzerland | 1 |
| Wisconsin | 1 | Ireland | 34 |
| Kentucky | 2 | England | 5 |
| Florida | 1 | Canada | 3 |
| North Carolina | 2 | Wales | 1 |
| Ohio | 1 | At sea | 1 |
| District of Columbia | 1 | Scotland | 1 |
| Pennsylvania | 16 | Unknown | 5 |
| Germany | 75 | | |

## TABLE IV.

Showing Occupation of those in the Hospital, during the Year 1888.

| | | | |
|---|---|---|---|
| Actress | 2 | Laundress | 5 |
| Actor | 1 | Lithographer | 1 |
| Baker | 2 | Machinist | 2 |
| Barber | 5 | Manufacturer | 2 |
| Billiardist | 1 | Merchant | 3 |
| Blacksmith | 4 | Musician | 5 |
| Bookbinder | 3 | Nurse | 2 |
| Brewer | 2 | Painter | 5 |
| Bricklayer | 3 | Peddler | 5 |
| Brickmaker | 1 | Piano-maker | 1 |
| Cabinet-maker | 2 | Potter | 1 |
| Carpenter | 7 | Porter | 2 |
| Cigar-maker | 5 | Prostitute | 4 |
| Clerk | 5 | Salesman | 6 |
| Confectioner | 1 | Saleslady | 4 |
| Cook | 12 | Saloon-keeper | 1 |
| Currier | 2 | Scrubwoman | 1 |
| Domestic | 64 | School-teacher | 1 |
| Dressmaker | 3 | Seamstress | 20 |
| Drover | 2 | Shoemaker | 9 |
| Druggist | 1 | Soldier | 1 |
| Farmer | 6 | Stonemason | 1 |
| Filecutter | 1 | Student | 3 |
| Fireman | 3 | Tailor | 12 |
| Fruitpacker | 1 | Teamster | 5 |
| Gardener | 2 | Turner | 1 |
| Hackman | 2 | Tramp | 2 |
| Haircurler | 1 | Unknown | 15 |
| Harness-maker | 2 | Watchmaker | 1 |
| Hostler | 3 | Washerwomen | 3 |
| Housewife | 26 | Weaver | 2 |
| Iron-moulder | 1 | Nothing | 50 |
| Laborer | 57 | | |

## TABLE V.

Form of Mental Diseases of those in Hospital during Year 1888.

| | | | |
|---|---|---|---|
| Mania, acute | 20 | Emotional insanity | 1 |
| " chronic | 55 | General paresis | 6 |
| Monomania | 43 | Imbecility | 24 |
| Mania, epileptic | 13 | Idiocy | 5 |
| " puerperal | 4 | Hysteria | 6 |
| " periodic | 16 | Alcoholism | 12 |
| Melancolia, acute | 25 | Meningitis | 1 |
| " chronic | 33 | Delirium toxic | 2 |
| Dementia, acute | 16 | Cerebral tumor | 1 |
| " terminal | 69 | Feigned insanity | 2 |
| " epileptic | 26 | Not insane | 8 |
| " senile | 12 | Unclassified | 5 |
| " post hemiplegia, | 4 | | |

## TABLE VI.

Time in Hospital of those who died.

| | White Males. | White Females. | Colored Males. | Colored Females. | Total. |
|---|---|---|---|---|---|
| Under 1 month | 3 | .... | 1 | .... | 4 |
| Between 1 and 3 months | 1 | .... | .... | .... | 1 |
| " 3 and 6 " | 1 | 1 | 4 | .... | 6 |
| " 6 and 12 " | 3 | .... | .... | 1 | 4 |
| " 1 and 2 years | 4 | 1 | 2 | .... | 7 |
| " 2 and 4 " | 2 | 5 | 2 | 1 | 10 |
| " 12 and 14 " | .... | .... | 1 | .... | 1 |
| | 14 | 7 | 10 | 2 | 33 |
| In Hospital twice during year. | 6 | .... | 1 | .... | 7 |
| In Hospital three times during year | .... | 1 | .... | .... | 1 |

## TABLE VII.

Cause of death of those who died in the Insitution during the year.

| | | | |
|---|---|---|---|
| Bronchitis, chronic and emphysemia | 1 | Heart Disease | 2 |
| Carcinoma of overy | 1 | Menigitis | 1 |
| Cerebral, tumor | 1 | Paraplegia | 2 |
| Diarrhoea, chronic | 1 | Paresis | 2 |
| Dysentery, acute | 7 | Pneumonia | 1 |
| " chronic | 4 | Pneumo thorax | 1 |
| Exhaustion from epilepsy | 2 | Pulmonary Oedema | 1 |
| Exhaustion from hemiplegia | 1 | Tuberculosis | 3 |
| | | Typhoid Fever | 1 |
| | | Unknown | 1 |

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